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WILDLIFE REVIEW

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Wildlife Review, a quarterly, serves to alert wildlife biologists of current worldwide literature of wildlife management and conservation. Each issue contains separate Author, Geographic, and Subject indices. Beginning in 1981, an annual index volume with accumulative Author, Geographic, Taxonomic, and Subject indices will be issued; included will be a list of publications screened. Authors who publish in journals not screened for *Wildlife Review*, and who would like their publications included, should submit reprints to the Editor.

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SOILS

81-007069 Archer, Warren M. SOIL SURVEY OF DIAMOND VALLEY AREA, NEVADA: PARTS OF ELKO, EUREKA, AND WHITE PINE COUNTIES. *U.S. Dep. Agric. Soil Conserv. Serv. Soil Surv.* ii + 122p. Nov. 1980. From Monthly Catalog U.S. Government Publication. 81-4244. May 1981. WR 183

81-007070 Dollarhide, William E. and George J. Staide. SOIL SURVEY OF TUSCARORA MOUNTAIN AREA, NEVADA: PARTS OF ELKO, EUREKA, AND LANDER COUNTIES. *U.S. Dep. Agric. Soil Conserv. Serv. Soil Surv.* ix + 462p. Dec. 1980. From Monthly Catalog U.S. Government Publications. 81-4248. May 1981. WR 183

81-007071 Hunter, William R. SOIL SURVEY OF PAONIA AREA, COLORADO: PARTS OF DELTA, GUNNISON, AND MONTROSE COUNTIES. *U.S. Dep. Agric. Soil Conserv. Serv. Soil Surv.* vii + 184p. Jan. 1981. From Monthly Catalog U.S. Government Publications. 81-4246. May. 1981. WR 183

81-007072 Jakel, Dale E. SOIL SURVEY OF ADAMS COUNTY, WISCONSIN. *U.S. Dep. Agric. Soil Conserv. Serv. Soil Surv.* vii + 142p. Aug. 1980. From Monthly Catalog of U.S. Government Publications. 81-5398. June 1981. WR 183

81-007073 Kutnink, Paul R. and others. SOIL SURVEY OF MARSHALL COUNTY, KANSAS. *U.S. Dep. Agric. Soil Conserv. Serv. Soil Surv.* vii + 76p. Sept. 1980. From Monthly Catalog of U.S. Government Publications 81-6380. July 1981. WR 183

81-007074 Larson, Jerry D. SOIL SURVEY OF BERRIEN COUNTY, MICHIGAN. *U.S. Dep. Agric. Soil Conserv. Serv. Soil Surv.* vii + 192p. Nov. 1980. From Monthly Catalog of U.S. Government Publications. 81-5399. June 1981. WR 183

81-007075 Moreland, Donald C. SOIL SURVEY OF LARIMER COUNTY AREA, COLORADO. *U.S. Dep. Agric. Soil Conserv. Serv. Soil Surv.* iii + 174p. Dec. 1980. From Monthly Catalog of U.S. Government Publications. 81-4245. May. 1981. WR 183

81-007076 Shipman, Gordon E. SOIL SURVEY OF SANTA BARBARA COUNTY, CALIFORNIA, SOUTH COASTAL PART. *U.S. Dep. Agric. Soil Conserv. Serv. Soil Surv.* vi + 144p. Feb. 1981. From Monthly Catalog U.S. Government Publications. 81-4247. May 1981. WR 183

GENERAL CONSERVATION

81-007077 Bryceson, Ian. A REVIEW OF SOME PROBLEMS OF TROPICAL MARINE CONSERVATION WITH PARTICULAR REFERENCE TO THE TANZANIAN COAST. *Biol.*

GENERAL CONSERVATION (CONTINUED)

81-007077 CONTINUED *Conserv.* 20(3):163-171. July 1981. WR 183
[Marine Biol. Stn., Univ. Dar es Salaam, PO Box 35064, Dar es Salaam, Tanzania]

81-007078 Macpherson, A. H. COMMENTARY: WILDLIFE CONSERVATION AND CANADA'S NORTH. *Arctic* 34(2):103-107. June 1981. In English with French summ. WR 183
[Environ. Canada, 804-9942-108 St., Edmonton, Alberta, Canada T5K 2J5]

81-007079 Margules, C. and M. B. Usher. CRITERIA USED IN ASSESSING WILDLIFE CONSERVATION POTENTIAL: A REVIEW. *Biol. Conserv.* 21(2):79-109. Oct. 1981. WR 183
[Dep. Biol., Univ. York, York YO1 5DD, England]

81-007080 Talbot, Lee M. A WORLD CONSERVATION STRATEGY. *R. Soc. Arts J.* 128(5288):493-510. 1980. From Ecol. Abstr. 1981/2:81L/2748. 1981. WR 183

81-007081 Witherick, M. E. CONSERVATION IN THE NEW FOREST. *Br. Birds* 74(6):268-269. June 1981. WR 183
[Redlands, North Rd., Dibden Purlieu, Hampshire SO4 5RF, England]

BIBLIOGRAPHIES, DIRECTORIES, HISTORY, AND BIOGRAPHIES

81-007082 Belknap, John B.; Allen H. Benton; Stephen W. Eaton; Valerie Freer and Kenneth C. Parkes. A BIBLIOGRAPHY OF NEW YORK STATE ORNITHOLOGY - 1979. *Kingbird* 31(3):143-151. 1981. WR 183

81-007083 Dobben, W. H. van. DE KINDERJAREN VAN HET VOGELTREKSTATION. [THE EARLY YEARS OF THE VOGELTREKSTATION.] *Limosa* 53(4):129-136. 1980. In Dutch. WR 183
[Dorskampweg 4, 6704 PB Wageningen, Netherlands] Includes a bibliography of 28 items for the period 1931-1956.

PLANTS--GENERAL, ECOLOGY, AND TECHNIQUES

81-007084 Mould, Eric D. and Charles T. Robbins. EVALUATION OF DETERGENT ANALYSIS IN ESTIMATING NUTRITIONAL VALUE OF BROWSE. *J. Wildl. Manage.* 45(4):937-947. Oct. 1981. WR 183
[Dep. Biol., St. Mary's College, Notre Dame, IN 46556]

WILDLIFE--GENERAL

81-007085 Humphreys, W. F. TOWARDS A SIMPLE INDEX BASED ON LIVE-WEIGHT AND BIOMASS TO PREDICT ASSIMILATION IN ANIMAL POPULATIONS. *J. Anim. Ecol.* 50(2):543-561. June 1981. WR 183

WILDLIFE--GENERAL (CONTINUED)

81-007085 CONTINUED
[Western Australian Mus., Francis St., Perth, Western Australia 6000, Australia]

81-007086 Taylor, D. G., editor. LAND/WILDLIFE INTEGRATION. *Environ. Can. Lands Dir. Ecol. Land Classification Ser.* 11:1-160. 1980. From Ecol. Abstr. 1981/1:81L/0343. 1981. WR 183

WILDLIFE--TECHNIQUES

81-007087 Bangs, Edward E. A MODIFIED MUSEUM SPECIAL SNAP TRAP. *J. Wildl. Manage.* 45(4):1079. Oct. 1981. WR 183
[U.S. Fish & Wildl. Serv., Kenai Natl. Wildl. Refuge, P.O. Box 2139, Soldotna, AK 99669]

81-007088 Cherlin, V. A. [COMBINED FIELD DEVICE FOR STUDYING MICROCLIMATE.] *Zool. Zh.* 60(7):1078-1087. July 1981. In Russian with English summ. WR 183
[Zool. Inst., USSR Acad. Sci., Leningrad, USSR]

81-007089 Chua, T. H. and S. B. Tan. TWO WAYS OF IMPROVING THE PETERSEN'S METHOD FOR ESTIMATING ANIMAL POPULATIONS. *Trop. Ecol.* 21(1):151-163. 1980. In English with French and Spanish summ. WR 183
[Dep. Zool., Univ. Malaya, Kuala Lumpur, Malaysia]

81-007090 Everitt, J. H. and M. A. Alaniz. NUTRIENT CONTENT OF CACTUS AND WOODY PLANT FRUITS EATEN BY BIRDS AND MAMMALS IN SOUTH TEXAS. *Southwest. Nat.* 26(3):301-305. 21 Aug. 1981. WR 183
[U.S. Dep. Agric., Sci. & Education Administration, Weslaco, TX 78591]

81-007091 Filion, Fern L. IMPORTANCE OF QUESTION WORDING AND RESPONSE BURDEN IN HUNTER SURVEYS. *J. Wildl. Manage.* 45(4):873-882. Oct. 1981. WR 183
[Canadian Wildl. Serv., Dep. Environ., Ottawa, Ontario, Canada K1A 0E7]

81-007092 Johnson, Ron E. and J. Neil Mulvaney. THE USE OF LOW LEVEL OBLIQUE AERIAL PHOTOGRAPHY FOR ENVIROMENTAL MANAGEMENT IN THE ELLIOT LAKE AREA. *In Proc. Canadian Symposium on Remote Sensing, Victoria, British Columbia, Aug. 1978, A. MacEwan, editor, (Can. Aeronautics & Space Inst., Ottawa, Ontario)* 5:396-398. 1980. From Ecol. Abstr. 1981/2:81L/2788. 1981. WR 183

81-007093 Larson, Gary E.; Peter J. Savarie and Iwao Okuno. IOPHENOXIC ACID AND MIREX FOR MARKING WILD, BAIT-CONSUMING ANIMALS. *J. Wildl. Manage.* 45(4):1073-1077. Oct. 1981. WR 183
[U.S. Fish & Wildl. Serv., 10304 Candelaria, N.E., Albuquerque, NM 87112]

81-007094 Myers, Wayne L. and Ronald L. Shelton. SURVEY METHODS FOR ECOSYSTEM MANAGEMENT. *Wiley-Interscience* 403p. 1980. Available at £16.80. From Ecol. Abstr. 1981/1:81L/0340. 1981. WR 183

WILDLIFE--TECHNIQUES (CONTINUED)

81-007095 Routledge, R. D. THE UNRELIABILITY OF POPULATION ESTIMATES FROM REPEATED INCOMPLETE AERIAL SURVEYS. *J. Wildl. Manage.* 45(4):997-1000. Oct. 1981. WR 183
[Dep. Math., Simon Fraser Univ., Burnaby, British Columbia, Canada V5A 1S6]

81-007096 Russell, James K. PATTERNED FREEZE-BRANDS WITH CANNED FREON. *J. Wildl. Manage.* 45(4):1078. Oct. 1981. WR 183
[Dep. Zool. Res., Natl. Zool. Park, Smithsonian Inst., Washington, DC 20008]

81-007097 Samuel, Michael D. and Kenneth H. Pollock. CORRECTION OF VISIBILITY BIAS IN AERIAL SURVEYS WHERE ANIMALS OCCUR IN GROUPS. *J. Wildl. Manage.* 45(4):993-997. Oct. 1981. WR 183
[Wildl. Resour., Univ. Idaho, Moscow 83843]

81-007098 Williamson, James F., Jr.; David C. Guynn, Jr. and Carroll J. Perkins. A LOW-COST ENERGY-EFFICIENT VEGETATION DRYER. *Wildl. Soc. Bull.* 9(2):148-150. 1981. WR 183
[Dep. Fisheries & Wildl., Va. Polytech. Inst. & State Univ., Blacksburg 24061]

81-007099 Wolcott, Thomas G. A RADIO PROBE FOR MAPPING BURROWS WITHOUT EXCAVATION. *J. Wildl. Manage.* 45(4):1069-1072. Oct. 1981. WR 183
[Dep. Marine, Earth & Atmospheric Sci., P.O. Box 5068, N.C. State Univ., Raleigh 27650]

WILDLIFE--FAUNAS, NATURAL HISTORY, AND MANUALS

81-007100 Ajayi, S. S.; T. A. Afolayan and K. R. N. Milligan. A SURVEY OF WILDLIFE IN KWIAMBANA GAME RESERVE, NIGERIA. *Afr. J. Ecol.* 19(3):295-298. Sept. 1981. In English. WR 183
[Dep. For. Res. Manage., Univ. Ibadan, Ibadan, Nigeria]

81-007101 Ballou, Robert M. THE LEEWARD ISLANDS. *Pac. Discovery* 34(4):14-25. July-Aug. 1981. WR 183
A popular account of the Leeward Islands ecosystem.

81-007102 Berner, Alfred. ROADSIDE COUNTS OF SELECTED FARMLAND WILDLIFE SPECIES, 1976. *Minn. Wildl. Res. Q.* 37(2):86-108. Apr. 1977. WR 183
[Minn. Dep. Nat. Resour., Madelia 56062] *Phasianus colchicus, Perdix perdix, Sylvilagus floridanus* and *Lepus townsendii* in Minnesota.

81-007103 Bissell, Steven J. and Walter D. Graul. THE LATILONG SYSTEM OF MAPPING WILDLIFE DISTRIBUTION. *Wildl. Soc. Bull.* 9(3):185-189. 1981. WR 183
[Colo. Div. Wildl., Denver 80216]

81-007104 Bucher, Enrique H. ECOLOGÍA DE LA FAUNA CHAQUEÑA. UNA REVISIÓN. [ECOLOGY OF THE FAUNA OF CHACO: A REVIEW.] *Ecosur* 7(14):111-159. Sept. 1980. In Spanish with English summ. WR 183
[CONICET, Cent. Zool. Aplicada, Univ. Nacl. Córdoba, Casilla Correos 122, Córdoba, Argentina]

WILDLIFE--FAUNAS, NATURAL HISTORY, AND MANUALS (CONTINUED)

81-007105 Fritts, Thomas H. and Robert P. Reynolds. PILOT STUDY OF THE MARINE MAMMALS, BIRDS AND TURTLES IN OCS AREAS OF THE GULF OF MEXICO. *U.S. Fish Wildl. Serv.* FWS/OBS-81/36. xi + 139p. Sept. 1981. WR 183
[U.S. Fish & Wildl. Serv., Tulane Univ. Mus. Nat. Hist., Belle Chasse, LA 70037] "Observations were made on 12 mammal, 35 bird, and 5 turtle taxa."

81-007106 Gephart, Glenn. MAPPING CALIFORNIA'S "AREAS OF SPECIAL BIOLOGICAL IMPORTANCE". *Cal-Neva Wildl. Trans.* 1980:15-21. 1980. WR 183
[Jones & Stokes Assoc., Inc., 2321 P St., Sacramento, CA 95816]

81-007107 Kahurananga, J. POPULATION ESTIMATES, DENSITIES AND BIOMASS OF LARGE HERBIVORES IN SIMANJIRO PLAINS, NORTHERN TANZANIA. *Afr. J. Ecol.* 19(3):225-238. Sept. 1981. In English with French summ. WR 183
[International Livestock Cent. Africa, P.O. Box 5689, Addis Ababa, Ethiopia] Data for 11 spp.

81-007108 Mead, Jim I. and Arthur M. Phillips III. THE LATE PLEISTOCENE AND HOLOCENE FAUNA AND FLORA OF VULTURE CAVE, GRAND CANYON, ARIZONA. *Southwest. Nat.* 26(3):257-288. 21 Aug. 1981. WR 183
[Dep. Geosci., Univ. Ariz., Tucson 85721] Thirty-seven animal taxa (19 reptiles, 3 birds and 15 mammals) were identified.--From abstr.

81-007109 Parmalee, Paul W. and Arthur E. Bogan. VERTEBRATE REMAINS FROM EARLY EUROPEAN AND HISTORIC INDIAN OCCUPATIONS AT THE WATERMAN SITE, RANDOLPH COUNTY, ILLINOIS. *Trans. Ill. State Acad. Sci.* 73(3):49-54. 1980. WR 183
[Dep. Anthropol., Univ. Tenn., Knoxville 37916] Approximately 32 native species were found.

81-007110 Parmalee, Paul W. and Arthur E. Bogan. A SUMMARY OF THE ANIMAL REMAINS FROM THE NOBLE-WIETING SITE (11ML28), MCLEAN COUNTY, ILLINOIS. *Trans. Ill. State Acad. Sci.* 73(4):1-6. 1980. WR 183
[Dep. Anthropol., Univ. Tenn., Knoxville 37916]

81-007111 Popham, E. J. THE WILD LIFE OF SALFORD. *IN Continuing Conurbation: Change and Development in Greater Manchester, H.P. White, editor.* p. 184-190. 1980. From Ecol. Abstr. 1981/1:81L/0369. 1981. WR 183

81-007112 Pregill, Gregory K. AN APPRAISAL OF THE VICARIANCE HYPOTHESIS OF CARIBBEAN BIOGEOGRAPHY AND ITS APPLICATION TO WEST INDIAN TERRESTRIAL VERTEBRATES. *Syst. Zool.* 30(2):147-155. June 1981. WR 183
[Natl. Mus. Nat. Hist., Washington, DC 20560]

81-007113 Seib, Robert L. BAJA CALIFORNIA: A PENINSULA FOR RODENTS BUT NOT FOR REPTILES. *Am. Nat.* 115(4):613-620. Apr. 1980. WR 183
[Mus. Vertebr. Zool., Univ. Calif., Berkeley 94720]

81-007114 Thompson, Thomas and Ross Hier. A PRELIMINARY CHECKLIST OF BIRDS AND MAMMALS, FORT STANTON EXPERIMENTAL RANCH. *N.M. State Univ. Agric. Exp. Stn. Res. Rep.* 445:1-12. June 1981. WR 183
[Dep. Biol., N.M. State Univ., Las Cruces] Annotated list of 86 spp. of birds and 38 spp. of mammals.

WILDLIFE--NATURAL AREAS AND REFUGES

81-007115 Ali, S. Mohammad. ECOLOGICAL RECONNAISSANCE IN EASTERN HIMALAYA. *Tigerpaper* 8(2):1-3. Apr. 1981. WR 183
[Zool. Surv. India, Calcutta, India]

81-007116 Bosselmann, Jürgen. DER LAACHER SEE--PROBLEME UND LÖSUNGSVERSUCHE IN EINEM NATURSCHUTZGEBIET. [LAACHER SEE--PROBLEMS AND SOLUTIONS IN A NATURE PRESERVE.] *Charadrius* 17(2):41-43. 1981. In German. WR 183
[Lerchenweg 3, 5440 Mayen, West Germany]

81-007117 Cassios, C. A. NATIONAL PARKS AND NATURE RESERVES IN GREECE. *Nat. Natl. Parks* 18(67):9-10. 1980. From Ecol. Abstr. 1981/2:81L/2803. 1981. WR 183

81-007118 Crispin, Susan Rae. NATURE PRESERVES IN MICHIGAN, 1920-1979. *M.S. thesis, Mich. State Univ.* 270p. 1980. From Masters Abstr. 19(2):151. June 1980. WR 183

81-007119 Dalman, David W. SUPPLEMENTARY AERIAL PHOTOGRAPHY IN THE PLANNING AND MANAGEMENT OF NATIONAL PARKS. *In Proc. Canadian Symposium on Remote Sensing, Victoria, British Columbia, Aug. 1978, A. MacEwan, editor (Can. Aeronautics & Space Inst., Ottawa, Ontario)* 5:391-395. 1980. From Ecol. Abstr. 1981/2:81L/2787. 1981. WR 183

81-007120 Harrison, James O. OLDER URBAN CEMETERIES AS POTENTIAL WILDLIFE SANCTUARIES. *Ga. J. Sci.* 39(3&4):117-126. June & Sept. 1981. WR 183

81-007121 Howarth, Francis G. and Steven L. Montgomery. NOTES ON THE ECOLOGY OF THE HIGH ALTITUDE AEOLIAN ZONE ON MAUNA KE'A. *'Elepaio* 41(3):21-22. Sept. 1980. WR 183
[B. P. Bishop Mus., P.O. Box 19000-A, Honolulu, HI 96819]

81-007122 Lovejoy, Thomas E. DISCONTINUOUS WILDERNESS: MINIMUM AREAS FOR CONSERVATION. *Tigerpaper* 8(2):13-16. Apr. 1981. WR 183
[World Wildl. Fund, 1601 Connecticut Ave., N.W., Washington, DC 20009]

81-007123 Rahmani, Asad Rafi. NARORA RESERVOIR, U.P.,--A POTENTIAL BIRD SANCTUARY. *J. Bombay Nat. Hist. Soc.* 78(1):88-92. Apr. 1981. WR 183
[Bombay Nat. Hist. Soc., Bombay-400 023, India]

81-007124 Roderkerk, E. C. M. NATURE AND CONSERVATION IN THE NETHERLANDS. *Nat. Natl. Parks* 18(67):11, 22. 1980. From Ecol. Abstr. 1981/2:81L/2802. 1981. WR 183

81-007125 Sheail, John and William M. Adams, editors. WORTHY OF PRESERVATION: A GAZETTEER OF SITES OF BIOLOGICAL OR GEOLOGICAL VALUE, IDENTIFIED SINCE 1912. *Univ. Coll. London Discuss. Pap. Conserv.* 28:1-70. 1980. From Ecol. Abstr. 1981/2:81L/2796. 1981. Price £0.50. WR 183

WILDLIFE--NATURAL AREAS AND REFUGES (CONTINUED)

81-007126 Sutherland, William. WHY CONSERVE ESTUARIES? *Ecos: A Review of Conservation* 1(3):22-24. 1980. From Ecol. Abstr. 1981/2:81L/2773. 1981. WR 183

WILDLIFE--ENDANGERED AND THREATENED SPECIES

81-007127 Conant, Sheila. RECENT OBSERVATIONS OF ENDANGERED BIRDS IN HAWAII'S NATIONAL PARKS. *'Elepaio* 41(7):56-61. Jan. 1981. WR 183
[Dep. Gen. Sci., Univ. Hawaii, 2450 Campus Rd., Honolulu 96822]

81-007128 Fisher, C. T. SPECIMENS OF EXTINCT, ENDANGERED OR RARE BIRDS IN THE MERSEYSIDE COUNTY MUSEUMS, LIVERPOOL. *Bull. Br. Ornithol. Club* 101(2):276-285. June 1981. WR 183
[Dep. Vertebr. Zool., Merseyside County Mus., William Brown St., Liverpool L3 8EN, England] Annotated list.

81-007129 Shapiro, Anne. FLORIDA'S ENDANGERED WILDLIFE. *Fla. Wildl.* 35(2):37-42. July-Aug. 1981. WR 183

81-007130 Wood, Don A. ENDANGERED SPECIES: CONCEPTS, PRINCIPLES AND PROGRAMS: A BIBLIOGRAPHY. *Fla. Game Fresh Water Fish Comm.* iii + 228p. May 1981. WR 183
Bibliography of 3135 items with subject species-geographic index.

WILDLIFE--INTRODUCTIONS

81-007131 Duffy, David Cameron. FERALS THAT FAILED. *Not. Galapagos* No. 33. p. 21-22. 1981. WR 183

WILDLIFE--MORPHOLOGY AND PHYSIOLOGY

81-007132 Aschoff, Jürgen. THERMAL CONDUCTANCE IN MAMMALS AND BIRDS: ITS DEPENDENCE ON BODY SIZE AND CIRCADIAN PHASE. *Comp. Biochem. Physiol. A Comp. Physiol.* 69(4):611-619. 1981. WR 183
[Max-Planck-Inst. Verhaltensphysiol., D-8138 Andechs, West Germany]

81-007133 Bakken, George S. A TWO-DIMENSIONAL OPERATIVE-TEMPERATURE MODEL FOR THERMAL ENERGY MANAGEMENT BY ANIMALS. *J. Thermal Biol.* 6(1):23-30. Jan. 1981. WR 183
[Life Sci. Dep., Ind. State Univ., Terre Haute 47809]

81-007134 Jenkins, Stephen H. COMMON PATTERNS IN HOME RANGE-BODY SIZE RELATIONSHIPS OF BIRDS AND MAMMALS. *Am. Nat.* 118(1):126-128. July 1981. WR 183
[Dep. Biol., Univ. Nev., Reno 89557]

WILDLIFE--MORPHOLOGY AND PHYSIOLOGY (CONTINUED)

81-007135 Mink, Jonathan W.; Robert J. Blumenschine and David B. Adams. RATIO OF CENTRAL NERVOUS SYSTEM TO BODY METABOLISM IN VERTEBRATES: ITS CONSTANCY AND FUNCTIONAL BASIS. *Am. J. Physiol.* 241(3):R203-R212. Sept. 1981. WR 183
[Dep. Psychol., Wesleyan Univ., Middletown, CT 06457] "Reptiles, birds, rodents, ungulates and carnivores."

81-007136 Norberg, Ulla M. ALLOMETRY OF BAT WINGS AND LEGS AND COMPARISON WITH BIRD WINGS. *Philos. Trans. R. Soc. Lond. B Biol. Sci.* 292(1061):359-398. 10 June 1981. WR 183
[Dep. Zool., Univ. Göteborg, Box 250 59, S-400 31 Göteborg, Sweden]

WILDLIFE--BEHAVIOR

81-007137 Macdonald, D. W. FEEDING ASSOCIATIONS BETWEEN CAPYBARAS *HYDROCHOERUS HYDROCHAERIS* AND SOME BIRD SPECIES. *Ibis* 123(3):364-366. July 1981. WR 183
[Anim. Behav. Res. Group, Dep. Zool., South Parks Rd., Oxford OX1 3PS, England] Six bird species.

81-007138 Post, William. THE INFLUENCE OF RICE RATS *ORYZOMYS PALUSTRIS* ON THE HABITAT USE OF THE SEASIDE SPARROW *AMMOSPIZA MARITIMA*. *Behav. Ecol. Sociobiol.* 9(1):35-40. Aug. 1981. WR 183
[Dep. Nat. Sci., Fla. State Mus., Gainesville 32611]

81-007139 Rosenzweig, Michael L. A THEORY OF HABITAT SELECTION. *Ecology* 62(2):327-335. Apr. 1981. WR 183
[Dep. Ecol. & Evol. Biol., Univ. Ariz., Tucson 85721]

81-007140 Serpell, James A. DUETTING IN BIRDS AND PRIMATES: A QUESTION OF FUNCTION. *Anim. Behav.* 29(3):963-965. Aug. 1981. WR 183
[Sub-Dep. Anim. Behav., Madingley, Cambridge CB3 8AA, England]

81-007141 Vogt, Jerry L.; Christopher L. Coe and Seymour Levine. BEHAVIORAL AND ADRENOCORTICOID RESPONSIVENESS OF SQUIRREL MONKEYS TO A LIVE SNAKE: IS FLIGHT NECESSARILY STRESSFUL? *Behav. Neural Biol.* 32(4):391-405. Aug. 1981. WR 183
[Dep. Psychol., St. John's Univ., Collegeville, MN 56321] *Saimiri sciureus* and *Boa constrictor*.

WILDLIFE--PESTICIDES AND POLLUTION

81-007142 Hall, Russell J. and Douglas M. Swineford. ACUTE TOXICITIES OF TOXAPHENE AND ENDRIN TO LARVAE OF SEVEN SPECIES OF AMPHIBIANS. *Toxicol. Lett.* 8:331-336. 1981. WR 183
[Patuxent Wildl. Res. Cent., Laurel, MD 20811]

81-007143 Harri, M. N. E.; J. Laitinen and E.-L. Valkama. TOXICITY AND RETENTION OF DDT IN ADULT FROGS, *RANA TEMPORARIA* L. *Environ. Pollut.* 20(1):45-55. Sept. 1979. WR 183

WILDLIFE--PESTICIDES AND POLLUTION (CONTINUED)

81-007143 CONTINUED
[Dep. Physiol. Pharmacol., Univ. Kuopio, PO Box 138, SF-70101, Kuopio 10, Finland]

81-007144 Holdgate, M. W. A PERSPECTIVE OF ENVIRONMENTAL POLLUTION. *Cambridge Univ. Press* 278p. 1980. From Ecol. Abstr. 1981/2:81L/2551. 1981. Price £5.95. WR 183

81-007145 Osborn, D. and M. P. Harris. A PROCEDURE FOR IMPLANTING A SLOW RELEASE FORMULATION OF AN ENVIRONMENTAL POLLUTANT INTO A FREE-LIVING ANIMAL. *Environ. Pollut.* 19(2):139-144. June 1979. WR 183
[Inst. Terrestrial Ecol., Monks Wood Exp. Stn., Abbots Ripton, Huntingdon, PE17 2LS, England]

WILDLIFE--PARASITES AND DISEASES

81-007146 Cawthorn, R. J.; D. Rainnie and G. Wobeser. EXPERIMENTAL TRANSMISSION OF *SARCOCYSTIS* SP. (PROTOZOA: SARCOCYSTIDAE) BETWEEN THE SHOVELER (*ANAS CLYPEATA*) DUCK AND THE STRIPED SKUNK (*MEPHITIS MEPHITIS*). *J. Wildl. Dis.* 17(3):389-394. July 1981. WR 183
[Dep. Vet. Microbiol., Univ. Saskatchewan, Saskatoon, Saskatchewan, Canada S7N 0W0]

81-007147 Cuy, Luisito S. ECTOPARASITE RESEARCH VIS-A-VIS WILDLIFE MANAGEMENT: PHILIPPINE EXPERIENCE. *Tigerpaper* 8(2):17-19. Apr. 1981. WR 183
[Mus. Nat. Hist., Univ. Philippines, Los Banos, Philippines]

81-007148 Geering, W. A. BLUETONGUE-RELATED VIRUSES IN AUSTRALIA. *Bull. Off. Int. Epizoot.* 92(7-8):537-546. July-Aug. 1980. In English with French summ. WR 183
[Australia Bur. Anim. Health, Camberra, ACT 2600, Australia] Hosts: kanagroos, wallabies, birds.

81-007149 Koga, Masataka and Yoichi Ishii. LARVAL GNATHOSTOMES FOUND IN REPTILES IN JAPAN AND EXPERIMENTAL LIFE CYCLE OF *GNATHOSTOMA NIPPONICUM*. *J. Parasitol.* 67(4):565-570. Aug. 1981. WR 183
[Ishii: Dep. Parasitol., Fac. Med., Kyushu Univ., Fukuoka 812, Japan] *Mustela sibirica, Martes melampus, Rhabdophis tigrinus, Elaphe quadrivirgata, E. climacophora* and *Agkistrodon halys*.

81-007150 Yadav, M. P. and M. S. Sethi. A STUDY ON THE RESERVOIR STATUS OF Q-FEVER IN AVIFAUNA, WILD MAMMALS AND POIKILOTHERMS IN UTTAR PRADESH (INDIA). *Int. J. Zoonoses* 7(2):85-89. Dec. 1980. WR 183
[Dep. Microbiol. & Public Health, Coll. Vet. Sci., G. B. Pant Univ. Agric. & Technol., Pantnagar (Nainital) U.P. 263145, India]

WILDLIFE--ECONOMICS, DAMAGE, PREDATION, AND CONTROL

81-007151 Beiswenger, R. E. PREDATION BY GRAY JAYS ON AGGREGATING TADPOLES

WILDLIFE--ECONOMICS, DAMAGE, PREDATION, AND CONTROL (CONTINUED)

81-007151 CONTINUED OF THE BOREAL TOAD (*BUFO BOREAS*). *Copeia* 1981(2):459-460. May 1981. WR 183
[Dep. Geogr. & Curriculum Instruct., Univ. Wyo., Laramie 82071] *Perisoreus canadensis*.

81-007152 Finnlund, Matts; Timo Lumme and Eino Merilä. AMOLINTUJEN KÄYTTÄTYTMISSESTÄ PESÄLLÄÄN KYYN RYÖSTÖRETKEN AIKANA. [THE BEHAVIOR OF PARENT BIRDS TOWARDS A VIPER (*VIPERA BERUS*) PLUNDERING THEIR NESTS.] *Aureola* 5:36-38. 1980. In Finnish with English summ. WR 183
Phylloscopus trochilus and *Sylvia curruca* in Finland.

81-007153 Haggerty, Tom. RAT SNAKE PREYS ON NESTLINGS OF ROUGH-WINGED SWALLOW AND COMMON GRACKLE. *Chat* 45(3):77. 1981. WR 183
[Box 1029, Four Oaks, NC 27524] *Elaphe obsoletta*, *Stelgidopteryx ruficollis* and *Quiscalus quiscula* in North Carolina.

81-007154 Kuyt, E.; B. E. Johnson and R. C. Drewien. A WOLF KILLS A JUVENILE WHOOPING CRANE. *Blue Jay* 39(2):116-119. June 1981. WR 183
[Canadian Wildl. Serv., Room 100, 9942-108 St., Edmonton, Alberta T5K 2J5, Canada] *Canis lupus* and *Grus americana* in Canada.

81-007155 Levine, Daniel S. ON THE STABILITY OF A PREDATOR-PREY SYSTEM WITH EGG-EATING PREDATORS. *Math. Biosci.* 56(1/2):27-46. Sept. 1981. WR 183
[Dep. Math. & Statistics, Univ. Pittsburgh, Pittsburgh, PA 15261]

81-007156 Maxson, Stephen J.; Lewis W. Oring and George-Ann Maxson. RED FOX CAPTURES SHARP-TAILED GROUSE AT THE LEK. *Prairie Nat.* 11(4):124. Dec. 1979. WR 183
[Field Biol. Program, Bell Mus., Univ. Minn., Minneapolis 55455] *Vulpes vulpes* and *Pedioecetes phasianellus* in North Dakota.

81-007157 McCanch, N. V. PREDATION ON MANX SHEARWATERS BY GREY SEALS. *Br. Birds* 74(8):348. Aug. 1981. WR 183
[226 Bramley Ave., Thannington Without, Canterbury, Kent CT1 3XW, England] *Puffinus puffinus* and *Halichoerus grypus* in Wales.

81-007158 Morrison, Kim. BIRD AND STOAT ENCOUNTERS IN FIORDLAND. *Notornis* 27(4):324. Dec. 1980. WR 183
[Fiordland Natl. Park, P.O. Box 29, Te Anau, New Zealand] *Mustela erminea* in New Zealand.

81-007159 Mount, Robert H. THE RED IMPORTED FIRE ANT, *SOLENOPSIS INVICTA* (HYMENOPTERA: FORMICIDAE), AS A POSSIBLE SERIOUS PREDATOR ON SOME NATIVE SOUTHEASTERN VERTEBRATES: DIRECT OBSERVATIONS AND SUBJECTIVE IMPRESSIONS. *J. Ala. Acad. Sci.* 52(2):71-78. Apr. 1981. WR 183
[Dep. Zool.-Entomol., School Agric., Auburn Univ., Auburn, AL 36849] The imported fire ant *Solenopsis invicta* may well constitute a serious threat to certain ground-dwelling reptiles and birds in heavily infested areas.--From abstr.

WILDLIFE--ECONOMICS, DAMAGE, PREDATION, AND CONTROL (CONTINUED)

81-007160 Ojanen, Mikko and Markku Orell. KYYKÄÄRME PESÄTUHOLAISENA. [THE VIPER (*VIPERA BERUS*) DESTROYING A NEST OF THE GREAT TIT (*PARUS MAJOR*).] *Aureola* 5:39-40. 1980. In Finnish with English summ. WR 183

81-007161 Petokas, Peter J. SNAPPING TURTLE PREDATION ON RING-BILLED GULLS. *Bull. Md. Herpetol. Soc.* 17(3):111-115. Sept. 1981. WR 183
[U.S. Fish & Wildl. Serv., 100 Grange Place, Room 202, Cortland, NY 13045] *Chelydra serpentina* and *Larus delawarensis* in New York.

81-007162 Sharma, B. D. COBRA AND LITTLE BITTERN *IXOBRYCHUS MINUTUS*. *J. Bombay Nat. Hist. Soc.* 77(2):350. Aug. 1980. WR 183
[Dep. Zool., Univ. Kumaum, Nainital, (U.P.) India] *Naja naja oxianus*.

81-007163 Tuttle, Merlin D. and Michael J. Ryan. BAT PREDATION AND THE EVOLUTION OF FROG VOCALIZATIONS IN THE NEOTROPICS. *Science* 214(4521):677-678. 6 Nov. 1981. WR 183
[Milwaukee Public Mus., Milwaukee, WI 53233] *Trachops cirrhosus, Hyla boulengeri, Bufo typhonius, Physalaemus pustulosus, Leptodactylus pentadactylus* and *Centrolenella fleischmanni* in Panama.

HUNTING--AREAS AND PROBLEMS

81-007164 Boyd, Gail B.; Robert G. Nelson and Fred G. Evenden. HUNTER EDUCATION IN THE UNITED STATES AND CANADA WITH RECOMMENDATIONS FOR IMPROVEMENT. *Int. Assoc. Fish Wildl. Agencies* xi + 51p. + appendices. Sept. 1981. WR 183
[Colo. Div. Wildl., Denver]

WILDLIFE--HARVEST AND HUNTING STATISTICS

81-007165 Strandgaard, H. and T. Asferg. THE DANISH BAG RECORD II. FLUCTUATIONS AND TRENDS IN THE GAME BAG RECORD IN THE YEARS 1941-1976 AND THE GEOGRAPHICAL DISTRIBUTION OF THE BAG IN 1976. *Dan. Rev. Game Biol.* 11(5):1-112. 1980. In English and Danish with Russian summ. WR 183

WILDLIFE--MANAGEMENT AND RESEARCH--GENERAL

81-007166 Beattie, Kirk H. THE INFLUENCE OF GAME LAWS AND REGULATIONS ON HUNTING SATISFACTION. *Wildl. Soc. Bull.* 9(3):229-231. 1981. WR 183
[Coll. Nat. Resour., Univ. Wis., Stevens Point 54481]

81-007167 Brooks, Maurice. LONG-STALKED HOLLY AND BIRDS. *Redstart* 48(2):66. Apr. 1981. WR 183
[Coll. Agric. & Forestry, W. Va. Univ., Morgantown 26506]

81-007168 Davis, R. M. FARMERS AND RANCHERS AS WILDLIFE MANAGERS. *Soil Conserv.* 45(3):12-15. 1979. From Ecol. Abstr. 1981/2:81L/2790. 1981. WR 183

WILDLIFE--MANAGEMENT AND RESEARCH--GENERAL (CONTINUED)

81-007169 Flader, Susan L. COMMENT ON IRRUPTION. *Wildl. Soc. Bull.* 9(3):237-238. 1981. WR 183
[Dep. History, Univ. Mo., Columbia 65211]

81-007170 McKinney, Matthew. LEARNING TO MANAGE SOUTHWESTERN RIPARIAN ECOSYSTEMS. *For. Res. West* p. 11-13. Sept. 1981. WR 183

81-007171 Mittermeier, Russell A. BRUNEI PROTECTS ITS WILDLIFE. *Oryx* 16(1):67-70. May 1981. WR 183
[World Wildl. Fund, 1601 Connecticut Ave., NW, Washington, DC 20009]

81-007172 Rabor, Dioscoro S. PRESENT STATUS OF CONSERVATION OF PHILIPPINE WILDLIFE. *Philipp. Geogr. J.* 23(4):121-127. 1979. From Ecol. Abstr. 1981/2:81L/2813. 1981. WR 183

81-007173 Slady, Dan and Cathy Warren. SMALL-SCALE COMMERCIAL PRODUCTION OF DUCKS, GEESE AND RABBITS AS A BASIS FOR VILLAGE AGRICULTURAL DEVELOPMENT IN MINTO, ALASKA. *Proc. Alaska Sci. Conf. (Fairbanks)* 32:128-129. 1981. Abstract only. WR 183
[Alaska Manage. & Planning, S.R. Box 70347, Fairbanks 99701]

81-007174 Winterhalder, Bruce P. CANADIAN FUR BEARER CYCLES AND CREE-OJIBWA HUNTING AND TRAPPING PRACTICES. *Am. Nat.* 115(6):870-879. June 1980. WR 183
[Dep. Anthropol., Univ. N.C., Chapel Hill 27514]

81-007175 Wodzicki, Kazimierz. SOME NATURE CONSERVATION PROBLEMS IN THE SOUTH PACIFIC. *Biol. Conserv.* 21(1):5-18. Sept. 1981. WR 183
[Zool. Dep., Victoria Univ., Wellington, New Zealand]

WILDLIFE--MANAGEMENT--NONGAME

81-007176 Newton, Frank. MANAGING OREGON'S NONGAME WILDLIFE. *Oreg. Wildl.* 36(7):3-9. July 1981. WR 183

WETLANDS AND WILDLIFE

81-007177 Bauer, Kurt, editor. DIE WASSERVOGELGEBIETE ÖSTERREICHS VON INTERNATIONALER UND NATIONALER BEDERUNG. EIN KATALOG VON FEUCHTGEBIETEN. [THE AUSTRIAN WATERFOWL AREAS OF INTERNATIONAL AND NATIONAL IMPORTANCE--A CATALOG OF WETLANDS.] *Egretta* 22(suppl.):1-27. 1979. In German. WR 183
[Osterreichische Gesellschaft Vogelkunde, Postfach 414, A-1014 Vienna, Austria]

81-007178 McKenna, Michael G. WILDLIFE LOSS--WETLAND DESTRUCTION. *N.D. Outdoors* 44(3):20-23. Sept. 1981. WR 183

WETLANDS AND WILDLIFE (CONTINUED)

81-007179 Wolff, Wim J. MANAGEMENT OF ESTUARIES IN THE NETHERLANDS WITH RESPECT TO BIRD POPULATIONS. *Estuaries* 4(3):265. Sept. 1981. Abstract only. WR 183
[Res. Inst. Nat. Manage., Texel, Netherlands]

RANGELAND, TUNDRA, AND WILDLIFE

81-007180 Huston, J. E.; B. S. Rector; L. B. Merrill and B. S. Engdahl. NUTRITIONAL VALUE OF RANGE PLANTS IN THE EDWARDS PLATEAU REGION OF TEXAS. *Tex. Agric. Exp. Stn.* B-1357. 16p. 1981. WR 183
[Tex. Agric. Exp. Stn., San Angelo]

FORESTS AND WILDLIFE

81-007181 Sorensen, A. E. INTERACTIONS BETWEEN BIRDS AND FRUIT IN A TEMPERATE WOODLAND. *Oecologia (Berl.)* 50(2):242-249. 11 Aug. 1981. WR 183
[Edward Grey Inst. Field Ornithol., Dep. Zool., South Parks Rd., Oxford OX1 3PS, England]

81-007182 Sundstrom, Charles. WILDLIFE HABITAT RELATIONSHIPS PROGRAM OF THE U.S. FOREST SERVICE. *Proc. Alaska Sci. Conf. (Fairbanks)* 32:116-117. 1981. Abstract only. WR 183
[U.S. Forest Serv., Juneau, AK]

ENVIRONMENTAL IMPACTS AND ASSESSMENTS

81-007183 Allaire, Pierre N. SUMMER OBSERVATIONS OF BIRDS ON RECLAIMED SURFACE COAL MINES IN BREATHITT, BELL, PIKE, AND HARLAN COUNTIES. *Ky. Warbler* 57(3):51-54. Aug. 1981. WR 183
[Dep. Sci. & Math., Lees Junior Coll., Jackson, KY 41339]

81-007184 Amstrup, Steven. ACTIVITIES AND HABITAT USE OF PRONGHORNS ON MONTANA-WYOMING COAL LANDS. *Proc. Biennial Pronghorn Antelope Workshop, Jasper, Alberta, Canada, 2-4 May 1978.* 8:270-306. 1978. From Ecol. Abstr. 1981/2:81L/2432. 1981. WR 183
Antilocapra americana.

81-007185 Aune, Keith. IMPACTS OF WINTER RECREATIONISTS ON WILDLIFE IN A PORTION OF YELLOWSTONE NATIONAL PARK, WYOMING. *M.S. thesis, Mont. State Univ.* 110p. 1981. WR 183
Courtesy/Robert L. Eng.

81-007186 Bjonness, Inger-Marie. ECOLOGICAL CONFLICTS AND ECONOMIC DEPENDENCY ON TOURIST TREKKING IN SAGARMATHA (MT. EVEREST) NATIONAL PARK, NEPAL. AN ALTERNATIVE APPROACH TO PARK PLANNING. *Nor. Geogr. Tidsskr.* 34(3):119-138. 1980. From Ecol. Abstr. 1981/2:81L/2807. 1981. WR 183

ENVIRONMENTAL IMPACTS AND ASSESSMENTS (CONTINUED)

81-007187 Bjonness, Inger-Marie. ANIMAL HUSBANDRY AND GRAZING, A CONSERVATION AND MANAGEMENT PROBLEM IN SAGARMATHA (MT. EVEREST) NATIONAL PARK, NEPAL. *Nor. Geogr. Tidsskr.* 34(2):59-76. 1980. From Ecol. Abstr. 1981/2:81L/2806. 1981. WR 183

81-007188 Bock, Carl E. and Jane H. Bock. RESPONSE OF BIRDS, SMALL MAMMALS, AND VEGETATION TO BURNING SACATON GRASSLANDS IN SOUTHEASTERN ARIZONA. *J. Range Manage.* 31(4):296-300. July 1978. WR 183
[DEPOB, Univ. Colo., Boulder 80309]

81-007189 Campbell, Dan L. and Larry E. Johnson. GUIDE FOR COLLECTING AND SEEDING NATIVE FORBS FOR WILDLIFE IN DOUGLAS-FIR CLEARCUTS. *U.S. Fish Wildl. Serv. Wildl. Leafl.* 513:1-13. 1981. WR 183
[U.S. Fish & Wildl. Serv., Forestry Sci. Lab., Olympia, WA 98502]

81-007190 Chakravarthy, A. K. EFFECTS OF URBANIZATION ON THE BIRD FAUNA OF BANGALORE. *Newsl. Birdwatchers* 21(5):12-13. May 1981. WR 183

81-007191 Chuen-Yan David Lai. THE MAI PO MARSHES IN HONG KONG: SPECULATIVE DEVELOPMENT VERSUS THE ENVIRONMENT. *Pac. Viewpoint* 20(1):74-84. 1979. From Ecol. Abstr. 1981/2:81L/2808. 1981. WR 183

81-007192 Crowe, T. M.; J. C. Schijf and A. A. Gubb. EFFECTS OF RAINFALL VARIATION, FIRE, VEGETATION AND HABITAT PHYSIOGNOMY ON A NORTHERN CAPE ANIMAL COMMUNITY. *S. Afr. J. Wildl. Res.* 11(3):87-104. 1981. In English with Afrikaans summ. WR 183
[FitzPatrick Inst., Univ. Cape Town, Rondebosch 7700, South Africa]

81-007193 Engel, T. C. EFFECTS OF URBAN DEVELOPMENT ON VERTEBRATE WILDLIFE POPULATIONS IN SCHMEECKLE RESERVE, UNIVERSITY OF WISCONSIN-STEVENS POINT. *M.S. thesis, Univ. Wis. (Stevens Point)* 143p. 1980. WR 183
Courtesy/Neil F. Payne.

81-007194 Fearnside, P. M. THE DEVELOPMENT OF THE AMAZON RAIN FOREST: PRIORITY PROBLEMS FOR THE FORMULATION OF GUIDELINES. *Interciencia* 4(6):338-343. 1979. From Ecol. Abstr. 1981/2:81L/2795. 1981. WR 183

81-007195 Feriancová-Masárová, Zora and Oskár Ferianc. ĎALŠIE POZNATKY ZO SUKCESIE OSÍDĽOVANIA VTÁKOV NA NOVOVYBUDOVANEJ VODNEJ NÁDRŽI LIPTOVSKÁ MARA R. 1978. [FARTHER KNOWLEDGE DERIVED FROM THE SUCCESSION OF BIRD SETTLEMENTS ON THE RECENTLY BUILT WATER TANK LIPTOVSKÁ MARA IN 1978.] *Biológia (Bratisl.)* 34(8):655-661. 1979. With Russian and summ. WR 183
[Inst. Zool., Comenius Univ., Šafárikovo nám 6, 806 07 Czechoslovakia]

81-007196 Gullion, Gordon W. RUFFED GROUSE HABITAT MANIPULATION--MILLE LACS WILDLIFE MANAGEMENT AREA, MINNESOTA. *Minn. Wildl. Res. Q.* 36(3):96-121. July 1976. WR 183
[Univ. Minn., For. Wildl. Project, Cloquet 55720] *Bonasa umbellus.*

81-007197 Guy, P. R. CHANGES IN THE BIOMASS AND PRODUCTIVITY OF WOODLANDS IN THE SENGWA WILDLIFE RESEARCH AREA, ZIMBABWE. *J. Appl. Ecol.* 18(2):507-519. Aug. 1981. WR 183

ENVIRONMENTAL IMPACTS AND ASSESSMENTS (CONTINUED)

81-007197 CONTINUED
[797 Ranchview Dr. NW, Calgary, Alberta T3G 1S7, Canada] *Loxodonta africana*.

81-007198 Haila, Yrjö; Olli Järvinen and Risto V. Väisänen. EFFECTS OF CHANGING FOREST STRUCTURE ON LONG-TERM TRENDS IN BIRD POPULATIONS IN SW FINLAND. *Ornis Scand.* 11(1):12-22. 1980. WR 183
[Liesipolku 1 b, SF-00630, Helsinki 63, Finland]

81-007199 Hay, Ronald L. and Frank W. Woods. MINISITE PREPARATION FOR REFORESTATION OF STRIP-MINED LANDS. FINAL REPORT. *Univ. Tenn. Dep. For. Wildl. Fish.* 36p. 1980. From Ecol. Abstr. 1981/2:81L/2832. 1981. WR 183

81-007200 Hinkes, Michael and Kathleen Engel. BIRD COMMUNITY CHANGES FOLLOWING WILDFIRE IN INTERIOR, ALASKA. *Proc. Alaska Sci. Conf. (Fairbanks)* 32:98. 1981. Abstract only. WR 183
[Bur. Land Manage., 701 "C" St., Box 13, Anchorage, AK 99513]

81-007201 Holechek, Jerry L. BRUSH CONTROL IMPACTS ON RANGELAND WILDLIFE. *J. Soil Water Conserv.* 36(5):265-269. Sept.-Oct. 1981. WR 183
[Dep. Anim. & Range Sci., N. Mex. State Univ., Las Cruces 88003] Impacts on wild ungulates, birds and small mammals.--review paper.

81-007202 Hollis, Ted. LAND DRAINAGE AND NATURE CONSERVATION: IS THERE A WAY AHEAD? *Ecos: A Review of Conservation* 1(3):3-11. 1980. From Ecol. Abstr. 1981/2:81L/2770. 1981. WR 183

81-007203 Kapp, K. William. DEVELOPMENT AND ENVIRONMENTAL PROTECTION IN CHINA. *In China's Road to Development, 2nd edition, N. Maxwell, editor, (Pergamon Press)* p. 247-258. 1979. From Ecol. Abstr. 1981/2:81L/2809. 1981. WR 183

81-007204 Liu Jike; Liang Jierong and Sha Qu. [THE COMMUNITIY AND BIOMASS CHANGE IN RODENTS UNDER THE CONDITION OF RECLAIMING THE DESERT INTO FARMLAND IN NOMHON, QINGHAI PROVINCE.] *Acta Zool. Sin.* 25(3):260-267. 1979. From Ecol. Abstr. 1981/2:81L/2410. 1981. In Chinese with English summ. WR 183

81-007205 McCaffery, Keith R.; James E. Ashbrenner and John C. Moulton. FOREST OPENING CONSTRUCTION AND IMPACTS IN NORTHERN WISCONSIN. *Wis. Dep. Nat. Resour. Tech. Bull.* No. 120. [i] + 42p. 1981. WR 183
[Wis. Dep. Nat. Resour., P.O. Box 7921, Madison 53707]

81-007206 Morehouse, Thomas A.; Robert A. Childers and Linda E. Leask. FISH AND WILDLIFE PROTECTION IN THE PLANNING AND CONSTRUCTION OF THE TRANS-ALASKA OIL PIPELINE. *Univ. Alaska Inst. Social Econ. Res.* 134p. 1978. From Ecol. Abstr. 1981/2:81L/2758. 1981. WR 183

81-007207 Moss, R.; D. Welch and P. Rothery. EFFECTS OF GRAZING BY MOUNTAIN HARES AND RED DEER ON THE PRODUCTION AND CHEMICAL COMPOSITION OF HEATHER. *J. Appl. Ecol.* 18(2):487-496. Aug. 1981. WR 183
[Inst. Terrestrial Ecol., Banchory, Kincardineshire, Scotland] *Lepus timidus* and *Cervus elaphus* in Scotland.

ENVIRONMENTAL IMPACTS AND ASSESSMENTS (CONTINUED)

81-007208 Penning-Rowsell, Edmund C. LAND DRAINAGE POLICY AND PRACTICE - WHO SPEAKS FOR THE ENVIRONMENT? *Ecos: A Review of Conservation* 1(3):16-21. 1980. From Ecol. Abstr. 1981/2:81L/2771. 1981. WR 183

81-007209 Rafaill, Barbara L. and Willis G. Vogel. A GUIDE FOR VEGETATING SURFACE-MINED LANDS FOR WILDLIFE IN EASTERN KENTUCKY AND WEST VIRGINIA. *Northeast. For. Exp. Stn., Berea, Ky.* 102p. 1978. From Ecol. Abstr. 1981/2:81L/2831. 1981. WR 183

81-007210 Ream, Catherine H., editor. IMPACT OF BACKCOUNTRY RECREATIONISTS ON WILDLIFE: AN ANNOTATED BIBLIOGRAPHY. *U.S. For. Serv. Gen. Tech. Rep.* INT-84. 62p. 1980. From Ecol. Abstr. 1981/2:81L/2817. 1981. WR 183

81-007211 Renwald, J. David. THE EFFECT OF FIRE ON WOODY PLANT SELECTION BY NESTING NONGAME BIRDS. *J. Range Manage.* 31(6):467-468. Nov. 1978. WR 183
[BLM, Roswell, NM 88201]

81-007212 Szaro, Robert C. BIRD POPULATION RESPONSES TO CONVERTING CHAPARRAL TO GRASSLAND AND RIPARIAN HABITATS. *Southwest. Nat.* 26(3):251-256. 21 Aug. 1981. WR 183
[Rocky Mountain For. & Range Exp. Stn., Tempe, AZ 85281]

81-007213 Szaro, Robert C. and Russell P. Balda. EFFECTS OF HARVESTING PONDEROSA PINE ON NONGAME BIRD POPULATIONS. *U.S. For. Serv. Res. Pap.* RM-212. 8p. 1979. From Ecol. Abstr. 1981/1:81L/0816. 1981. WR 183

81-007214 Tanner, G. W.; J. M. Inglis and L. H. Blankenship. ACUTE IMPACT OF HERBICIDE STRIP TREATMENT ON MIXED-BRUSH WHITE-TAILED DEER HABITAT ON THE NORTHERN RIO GRANDE PLAIN. *J. Range Manage.* 31(5):386-391. Sept. 1978. WR 183
[Wildl. & Fisheries Sci., Tex. A&M Univ., College Station] *Odocoileus virginianus* in Texas.

81-007215 Wright, Henry A. and Arthur W. Bailey. FIRE ECOLOGY AND PRESCRIBED BURNING IN THE GREAT PLAINS: A RESEARCH REVIEW. *U.S. For. Serv. Gen. Tech. Rep.* INT-77. 60p. 1980. From Ecol. Abstr. 1981/2:81L/2791. 1981. WR 183

MAMMALS--GENERAL

81-007216 Nevo, E. EVOLUTION OF SUBTERRANEAN MAMMALS. *Isr. J. Zool.* 29(4):196-197. 1980. Abstract only. WR 183
[Inst. Evol., Univ. Haifa, Haifa, Israel]

81-007217 Shilov, I. A. and V. N. Bol'shakov. CONTEMPORARY PROBLEMS OF MAMMAL ECOLOGY. *Sov. J. Ecol. (Engl. Transl. Ékologiya)* 10(1):1-6. Jan.-Feb. 1979. Translated from Ékologiya No. 1. p. 5-12. Jan.-Feb. 1979. WR 183

MAMMALS--TECHNIQUES

81-007218 Dirschl, Herman J.; Michael Norton-Griffiths and Stephen P. Wetmore. TRAINING OBSERVERS FOR AERIAL SURVEYS OF HERBIVORES. *Wildl. Soc. Bull.* 9(2):108-115. 1981. WR 183
[Northern Environ. Directorate, Dep. Indian & Northern Affairs, Ottawa, Ontario K1A 0H4, Canada]

81-007219 Inglis, Jack M. THE FORWARD-NULL TWIN-YAGI ANTENNA ARRAY FOR AERIAL RADIOTRACKING. *Wildl. Soc. Bull.* 9(3):222-225. 1981. WR 183
[Dep. Wildl. & Fisheries Sci., Tex. A&M Univ., College Station 77843]

81-007220 Schroeder, Gene D. USING EDGE EFFECT TO ESTIMATE ANIMAL DENSITIES. *J. Mammal.* 62(3):568-573. 20 Aug. 1981. WR 183
[Univ. Tex., Health Sci. Cent., P.O. Box 20186, Houston 77025]

81-007221 Sefcik, John Frederick. AN EVALUATION OF MARK-RECAPTURE ESTIMATORS UTILIZING FIELD AND COMPUTER TECHNIQUES ON KNOWN POPULATIONS. *M.S. thesis, Nich. State Univ.* 96p. 1980. From Masters Abstr. 19(2):109. June 1981. WR 183
Microtus pennsylvanicus.

81-007222 Tyukina, A. A.; S. R. Lisin and I. N. Krestyanova. [A NEW METHOD FOR ENZYMATIC CLEANING OF THE CRANIAL SKELETON OF SMALL MAMMALS FROM SOFT TISSUES.] *Zool. Zh.* 60(7):1088-1089. July 1981. In Russian with English summ. WR 183
[State Univ. Gor'ky, Gor'ky, USSR]

MAMMALS--FAUNAS, COMMUNITIES AND MANUALS

81-007223 Brdička, Ivan. SAVCI SLAVKOVSKÉHO LESA. [MAMMALS OF SLAVKOVSKÝ LES (WEST BOHEMIA).] *Acta Univ. Carol. Biol.* 1977(3-4):199-235. 1980. In Czech with English summ. WR 183
[Karlovarské Muz., Zámecký vrch 22, 360 00 Karlovy Vary, Czechoslovakia]

81-007224 Clough, Garrett C. BIBLIOGRAPHY OF MAINE LAND MAMMALS. *Maine Biol.* 13(1):3-9. 1981. WR 183
[Biol. Dep., Nasson Coll., Springvale, ME 04083]

81-007225 Dunlop, C. R. and R. J. Begg. THE SMALL MAMMALS OF LITTLE NOURLANGIE ROCK, N.T. I. DESCRIPTION OF STUDY SITE. *Aust. Wildl. Res.* 8(1):51-56. 1981. WR 183
[Dep. Primary Production, P.O. Box 5160, Darwin, Northern Territory, Australia 5794]

81-007226 Feng Zuojian; Zheng Changlin and Cai Guiquan. [ON MAMMALS FROM SOUTHEASTERN XIZANG (TIBET).] *Acta Zool. Sin.* 26(1):91-97. 1980. From Ecol. Abstr. 1981/1:81L/0969. 1981. In Chinese. WR 183
Data for 80 spp.

MAMMALS--FAUNAS, COMMUNITIES AND MANUALS (CONTINUED)

81-007227 Genoways, Hugh H.; Stephen L. Williams and Jane A. Groen. RESULTS OF THE ALCOA FOUNDATION-SURINAME EXPEDITIONS. V. NOTEWORTHY RECORDS OF SURINAMESE MAMMALS. *Ann. Carnegie Mus.* 50(11):319-331. 8 July 1981. WR 183
Data for 7 spp.

81-007228 Green, Michael J. B. A CHECK-LIST AND SOME NOTES CONCERNING THE MAMMALS OF THE LANGTANG NATIONAL PARK, NEPAL. *J. Bombay Nat. Hist. Soc.* 78(1):77-87. Apr. 1981. WR 183
[Dep. Appl. Biol., Pembroke St., Cambridge CB2 3DX, England]

81-007229 Hickman, Graham C. NATIONAL MAMMAL GUIDES: A REVIEW OF REFERENCES TO RECENT FAUNAS. *Mammal Rev.* 11(2):53-85. June 1981. WR 183
[Dep. Zool., Univ. Natal, Pietermaritzburg, South Africa]

81-007230 Hockings, Marc. HABITAT DISTRIBUTION AND SPECIES DIVERSITY OF SMALL MAMMALS IN SOUTH-EAST QUEENSLAND IN RELATION TO VEGETATION STRUCTURE. *Aust. Wildl. Res.* 8(1):97-108. 1981. WR 183
[Natl. Parks & Wildl. Serv., P.O. Box Box 190, North Quay, Brisbane, Queensland, Australia 4000]

81-007231 Honeycutt, Rodney L.; Michael P. Moulton; Jerry R. Roppe and Lynn Fifield. THE INFLUENCE OF TOPOGRAPHY AND VEGETATION ON THE DISTRIBUTION OF SMALL MAMMALS IN SOUTHWESTERN UTAH. *Southwest. Nat.* 26(3):295-300. 21 Aug. 1981. WR 183
[Dep. Biol. Sci., Tex. Tech Univ., Lubbock 79409]

81-007232 Kulikov, V. F. and K. A. Rogovin. [SMALL MAMMALS SPECIES COMPOSITION, AREAL DISTRIBUTION AND NUMBER.] *Problemy Osvoeniya Pustyn' Akad. Nauk Turmenskoi SSR* 2:58-70. 1980. From Ecol. Abstr. 1981/1:81L/0967. 1981. In Russian with English summ. WR 183

81-007233 Ramírez-Pulido, José and Marie Claire Britton. AN HISTORICAL SYNTHESIS OF MEXICAN MAMMALIAN TAXONOMY. *Proc. Biol. Soc. Wash.* 94(1):1-17. 19 May 1981. WR 183
[Dep. Biol., Univ. Auton. Metropolitana-Iztapalapa, Apartado Postal 55-535, México 13, D.F., Mexico]

81-007234 Tehsin, Raza H. OCCURRENCE OF THE LARGE BROWN FLYING SQUIRREL AND MOUSE DEER NEAR UDAIPUR, RAJASTHAN. *J. Bombay Nat. Hist. Soc.* 77(3):498. Dec. 1980. WR 183
[41 Panchwati, Udaipur-313 001, Rajasthan, India] *Petaurista petaurista philippensis* and *Tragulus meminna* in India.

81-007235 Wood, M. SMALL MAMMAL COMMUNITIES AFTER TWO RECENT FIRES IN YELLOWSTONE NATIONAL PARK. *M.S. thesis, Mont. State Univ.* 58p. 1981. WR 183
Courtesy/Robert L. Eng.

MAMMALS--MORPHOLOGY AND PHYSIOLOGY

81-007236 Štefba, Oldřich. POSTNATAL GROWTH OF SELECTED NIDICOLOUS MAMMALS. *Folia Zool. (Brno)* 29(4):289-297. 1980. In English with Russian summ. WR 183
[Inst. Vertebr. Zool., Czechoslovak Acad. Sci., 603 65 Brno, Czechoslovakia] *Sorex araneus, Crocidura russula, C. suaveolens, Talpa europaea, Mesocricetus auratus, Pitymys subterraneus* and *Mus musculus.*

81-007237 Acharjyo, L. N. and Ch. G. Mishra. SOME NOTES ON AGE OF SEXUAL MATURITY OF SEVEN SPECIES OF INDIAN WILD MAMMALS IN CAPTIVITY. *J. Bombay Nat. Hist. Soc.* 77(3):504-507. Dec. 1980. WR 183
[Nandankanan Biol. Park, P.O. Barang, Dist. Cuttack, Orissa 754 005, India]

81-007238 Alexander, R. McN. and A. S. Jayes. ESTIMATES OF THE BENDING MOMENTS EXERTED BY THE LUMBAR AND ABDOMINAL MUSCLES OF SOME MAMMALS. *J. Zool. (Lond.)* 194(3):291-303. July 1981. WR 183
[Dep. Pure & Appl. Zool., Univ. Leeds, Leeds, England]

81-007239 Alexander, R. McN.; A. S. Jayes; G. M. O. Maloiy and E. M. Wathuta. ALLOMETRY OF THE LEG MUSCLES OF MAMMALS. *J. Zool. (Lond.)* 194(4):539-552. Aug. 1981. WR 183
[Dep. Pure & Appl. Zool., Univ. Leeds, Leeds, England]

81-007240 Ambros, Michal; Alexander Dudich; Ján Kleinert and Andrej Štollmann. VÝSKYT ÚPLNÉHO MELANIZMU U DROBNÝCH ZEMNÝCH CICAVCOV NA SLOVENSKU. [OCCURRENCE OF TOTAL MELANISM OF SMALL TERRESTRIAL MAMMALS IN SLOVAKIA.] *Biológia (Bratisl.)* 35(2):127-130. 1980. With Russian and English summ. WR 183
[Inst. Exp. Biol. & Ecol. SAV, Res. Stn., 976 02 Staré Hory, Czechoslovakia]

81-007241 Bankir, Lise. ORGANISATION DES NÉPHRONS ET DES VAISSEAUX ET RELATIONS VASCULO-TUBULAIRES DANS LE REIN DES MAMMIFÈRES. IMPLICATIONS FONCTIONNELLES. [ORGANIZATION OF NEPHRONS, VESSELS AND VASCULAR-TUBULAR RELATIONSHIPS IN THE MAMMAL KIDNEY. FUNCTIONAL IMPLICATIONS.] *Bull. Soc. Zool. Fr.* 106(1):15-20. 1981. In French. WR 183
[I.N.S.E.R.M., Hôpital Necker, 161 rue de Sèvres, 75730 Paris Cedex 15, France]

81-007242 Bartoš, Luděk. SECONDARY SEX RATIO IN SIBERIAN TIGERS, PRZEWALSKI HORSES AND EUROPEAN BISONS. *Acta Theriol.* 26(7):125-128. Mar. 1981. In English. WR 183
[Res. Inst. Anim. Prod., 25161 Prague 10-Uhříněves, Czechoslovakia] *Panthera tigris altaica, Equus przewalskii* and *Bison bonasus.*

81-007243 Cameron, Judy L. and Richard L. Stouffer. COMPARISON OF THE SPECIES SPECIFICITY OF GONADOTROPIN BINDING TO PRIMATE AND NONPRIMATE CORPORA LUTEA. *Biol. Reprod.* 25(3):568-572. Oct. 1981. WR 183
[Dep. Physiol. Biophysics, SJ-40, School Med., Univ. Wash., Seattle 98195] *Macaca mulatta* and *Rattus norvegicus.*

MAMMALS--MORPHOLOGY AND PHYSIOLOGY (CONTINUED)

81-007244 Dawson, Terence J. and F. Dominic Fanning. THERMAL AND ENERGETIC PROBLEMS OF SEMIAQUATIC MAMMALS: A STUDY OF THE AUSTRALIAN WATER RAT, INCLUDING COMPARISONS WITH THE PLATYPUS. *Physiol. Zool.* 54(3):285-296. July 1981. WR 183
[School Zool., Univ. New South Wales, Keningston, New South Wales, Australia] *Hydromys chrysogaster* and *Ornithorhynchus anatinus*.

81-007245 Gehr, P.; J. J. O'Neil; C. R. Taylor and E. R. Weibel. DISCORDANT SCALING BETWEEN MAXIMAL OXYGEN CONSUMPTION AND PULMONARY DIFFUSING CAPACITY IN MAMMALS. *J. Physiol. (Lond.)* 318:48P-49P. Sept. 1981. Abstract only. WR 183
[Dep. Anat., Univ. Berne, Bühlstraße 26, CH-3000 Bern 9, Switzerland] "African mammals ... [and] canids, namely foxes, coyotes, dogs and wolves."

81-007246 Lauvergne, J. J. L'HOMOLOGIE ENTRE L'HOMME ET LES AUTRES MAMMIFÈRES POUR LES LOCI DE COLORATION DU PELAGE. [THE HOMOLOGY BETWEEN MAN AND THE OTHER MAMMALS FOR THE LOCI OF COAT COLORATION.] *Ann. Génét. Sél. Anim.* 13(1):57-66. 1981. In French with English summ. WR 183
[CNRZ, 78350 Jouy-en-Josas, France]

81-007247 Rougeot, J. DÉTERMINISME DE LA RÉPARTITION DE LA PIGMENTATION DANS LE PELAGE ET LA PEAU DES MAMMIFÈRES. [DETERMINISM OF COAT AND SKIN PIGMENTATION PATTERNS IN MAMMALS.] *Ann. Génét. Sél. Anim.* 13(1):9-16. 1981. In French with English summ. WR 183
[CNRZ, 78350 Jouy-en-Josas, France]

81-007248 Sareen, M. L. and V. K. Goyal. HISTOCHEMICAL STUDIES OF THE THECA INTERNA IN THE OVARY OF THE SHREW, *SUNCUS MURINUS VIRIDESCENS* (BLYTH) AND FIELD RAT, *MILLARDIA MELTADA PALLIDOR* (RYLEY). *Res. Bull. Panjab Univ.* 30(1-4):95-98. June-Dec. 1979. WR 183
[Dep. Zool., Panjab Univ., Chandigarh, India]

81-007249 Voulot, C. ETUDE BIOCHIMIQUE DE L'ALBINISME CHEZ LES MAMMIFÈRES ET CHEZ L'HOMME. [BIOCHEMICAL STUDY OF ALBINISM IN MAMMALS AND MAN.] *Ann. Génét. Sél. Anim.* 13(1):51-56. 1981. In French with English summ. WR 183
[INSA, 20 ave. Albert-Einstein, 69621 Villeurbanne Cedex, France]

81-007250 Wang Zuwang; Zeng Jinxiang; Han Yongcai and Zhang Xiaoai. [ENERGY DYNAMICS OF SOME SMALL MAMMALS IN AN ALPINE MEADOW ECOSYSTEM. I. DIGESTIBILITY AND ASSIMILATION OF NATURAL FOODS ON THE MOUSE HARE AND THE MOLE RAT IN AN ALPINE MEADOW.] *Acta Zool. Sin.* 26(2):184-195. 1980. From Ecol. Abstr. 1981/2:81L/2391. 1981. In Chinese with English summ. WR 183
Ochotona curzoniae and *Myospalax fontanierii*.

81-007251 Ward, J. P. and D. A. van Dorp. THE ANIMAL MUSKS AND A COMMENT OF THEIR BIOGENESIS. *Experientia (Basel)* 37(9):917-922. 15 Sept. 1981. WR 183
[Unilever Res. Lab., P.O. Box 114, NL-3130 AC Vlaardingen, Netherlands] *Moschus moschiferus*, *Ovibos moschatus*, *Ondatra zibethicus* and various spp. of viverides.

MAMMALS--BEHAVIOR

81-007252 Acharjyo, L. N. and S. Mohapatra. LITTER SIZE OF SOME CAPTIVE WILD MAMMALS. *J. Bombay Nat. Hist. Soc.* 77(2):321-325. Aug. 1980. WR 183
[Nandankanan Biol. Park, P.O. Barang, Dist. Cuttack, India] Data for 19 spp.

81-007253 Coblentz, Bruce E. ON THE IMPROBABILITY OF PURSUIT INVITATION SIGNALS IN MAMMALS. *Am. Nat.* 115(3):438-447. Mar. 1980. WR 183
[Dep. Fisheries & Wildl., Oreg. State Univ., Corvallis 97331]

81-007254 Erkert, H. G. and Angelika Thiemann. ZEITGEBER-SCHEDULE DEPENDENT RESYNCHRONIZATION OF CIRCADIAN RHYTHMS IN NOCTURNAL MAMMALS (PRIMATES AND CHIROPTERA). *Experientia (Basel)* 37(9):983-985. 15 Sept. 1981. WR 183
[Inst. Biol. III., Univ. Tübingen, Auf der Morgenstelle 28, D-7400 Tübingen, West Germany] *Aotus trivirgatus* and *Rousettus aegyptiacus.*

81-007255 Mowrey, Robert A.; Gary A. Laursen and Terry A. Moore. HYPOGEOUS FUNGI AND SMALL MAMMAL MYCOPHAGY IN ALASKAN TAIGA. *Proc. Alaska Sci. Conf. (Fairbanks)* 32:120-121. 1981. Abstract only. WR 183
[Inst. Northern Forestry, 308 Tanana Dr., Fairbanks, AK 99701] *Tamiasciurus hudsonicus, Glaucomys sabrinus* and *Clethrionomys rutilus.*

81-007256 Seegmiller, Rick F. and Robert D. Ohmart. ECOLOGICAL RELATIONSHIPS OF FERAL BURROS AND DESERT BIGHORN SHEEP. *Wildl. Monogr.* No. 78. 58p. July 1981. Available at $2.70 from Executive Director, The Wildlife Society, 5410 Grosvenor Lane, Washington, DC 20014. WR 183
[Dep. Zool. & Cent. Environ. Studies, Ariz. State Univ., Tempe 85281] *Equus asinus, Ovis canadensis mexicana* and *O. c. nelsoni* in Arizona.

81-007257 Wenger, C. R. COYOTE-MULE DEER INTERACTION OBSERVATIONS IN CENTRAL WYOMING. *J. Wildl. Manage.* 45(3):770-772. July 1981. WR 183
[USDA For. Serv., Salmon Natl. For., North Fork, ID 83466] *Canis latrans* and *Odocoileus hemionus* in Wyoming.

81-007258 Wittenberger, James F. GROUP SIZE AND POLYGAMY IN SOCIAL MAMMALS. *Am. Nat.* 115(2):197-222. Feb. 1980. WR 183
[Dep. Zool., NJ-15, Univ. Wash., Seattle 98105]

MAMMALS--POPULATION DYNAMICS

81-007259 East, R. SPECIES-AREA CURVES AND POPULATIONS OF LARGE MAMMALS IN AFRICAN SAVANNA RESERVES. *Biol. Conserv.* 21(2):111-126. Oct. 1981. WR 183
[62 Fifth Ave., Hamilton, New Zealand]

81-007260 Richart, Eric A. DEMOGRAPHY AND ACTIVITY PATTERNS OF SOME SMALL MAMMALS FROM THE CAPE PROVINCE, SOUTH AFRICA. *J. Mammal.* 62(3):646-649. 20 Aug. 1981. WR 183
[Dep. Biol., Univ. Utah, Salt Lake City 84112] Data for 5 spp.

MAMMALS--PESTICIDES AND POLLUTION

81-007261 Baker, John R.; Augustin M. Jones; Tessa P. Jones and Hugh C. Watson. OTTER *LUTRA LUTRA* L. MORTALITY AND MARINE OIL POLLUTION. *Biol. Conserv.* 20(4):311-321. Aug. 1981. WR 183
[Dep. Vet. Pathol., Vet. Field Stn., Neston, Wirral, Cheshire, England]

81-007262 Brenner, Fred J. and John Cowan. CHANGES IN CALCIUM AND CHLORIDE CONCENTRATIONS IN SOIL AND VEGETATION ALONG INTERSTATE HIGHWAYS AND THE POSSIBLE EFFECT ON VEGETATION UTILIZATION BY MAMMALS. *Proc. Pa. Acad. Sci.* 55(1):33-34. 1981. WR 183
[Dep. Biol., Grove City Coll., Grove City, PA 16127] *Sylvilagus floridanus* in Pennsylvania.

81-007263 Clark, Donald R., Jr. and Charles J. Stafford. EFFECTS OF DDE AND PCB (AROCLOR 1260) ON EXPERIMENTALLY POISONED FEMALE LITTLE BROWN BATS (*MYOTIS LUCIFUGUS*): LETHAL BRAIN CONCENTRATIONS. *J. Toxicol. Environ. Health* 7(6):925-934. June 1981. WR 183
[Patuxent Wildl. Res. Cent., Laurel, MD 20811]

81-007264 Donkin, Peter; Sheila V. Mann and Eric I. Hamilton. POLYCHLORINATED BIPHENYL, DDT AND DIELDRIN RESIDUES IN GREY SEAL (*HALICHOERUS GRYPUS*) MALES, FEMALES AND MOTHER-FOETUS PAIRS SAMPLED AT THE FARNE ISLANDS, ENGLAND, DURING THE BREEDING SEASON. *Sci. Total Environ.* 19(2):121-142. June 1981. WR 183
[Inst. Marine Environ. Res., Prospect Pl., The Hoe, Plymouth PL1 3DH, England]

81-007265 Funk, George Richard. LEAD CONCENTRATIONS IN SMALL MAMMALS. *M.S. thesis, Univ. Louisville* 48p. 1980. From Masters Abstr. 19(2):118. June 1981. WR 183
Blarina brevicauda, *Mus musculus* and *Peromyscus leucopus*.

81-007266 Kerkhoff, Mia; Jacob De Boer and Jos Geerdes. HEPTACHLOR EPOXIDE IN MARINE MAMMALS. *Sci. Total Environ.* 19(1):41-50. May 1981. WR 183
[Netherlands Inst. Fishery Invest., Haringkade 1, 1976 CP IJmuiden, Netherlands] *Phoca vitulina* and *Lagenorhynchus albirostris*.

81-007267 McLaughlin, Kimberly; Charles Bauer; Noel W. Falk and Karl Oberholser. BODY BURDEN OF LEAD IN PENNSYLVANIA DEER AND SQUIRRELS FROM HAIR ANALYSIS. *Proc. Pa. Acad. Sci.* 55(1):98. 1981. Abstract only. WR 183
[Dep. Biol., Messiah Coll., Grantham, PA 17027] *Odocoileus virginianus* and *Sciurus carolinensis*.

81-007268 Nagakura, K.; S. Arime; M. Kurihara; T. Koga and T. Fujita. [MERCURY CONTENT OF WHALES.] *Tokai Fish. Res. Lab. Bull.* 78:41-46. 1974. From Ecol. Abstr. 1981/1:81L/1085. 1981. In Japanese. WR 183

81-007269 Páv, Jaromír and Dalibor Zajíček. ZDRAVOTNÍ STAV SPÁRKATÉ ZVĚŘE V OBLASTECH S PRŮMYSLOVÝMI IMISEMI. [HEALTH CONDITIONS OF UNGULATES IN THE REGION WITH AIR POLLUTION.] *Práce VÚLHM* 58:213-228. 1981. In Czech with Russian and English summ. WR 183
[VÚLHM, Jíloviště-Strnady, Czechoslovakia]

MAMMALS--PESTICIDES AND POLLUTION (CONTINUED)

81-007270 Sawicka-Kapusta, Katarzyna. ROE DEER ANTLERS AS BIOINDICATORS OF ENVIRONMENTAL POLLUTION IN SOUTHERN POLAND. *Environ. Pollut.* 19(4):283-293. Aug. 1979. WR 183
[Dep. Anim. Ecol., Inst. Environ. Biol., Jagiellonian Univ., Krupnicza 50, 30-060 Kraków, Poland] *Capreolus capreolus.*

81-007271 Takei, G. H. and G. H. Leong. MACRO-ANALYTICAL METHODS USED TO ANALYZE TISSUES OF THE HAWAIIAN MONK SEAL, *MONACHUS SCHAUINSLANDI*, FOR ORGANOCHLORINE PESTICIDES, POLYCHLOROBIPHENYLS, AND PENTACHLOROPHENOL. *Bull. Environ. Contam. Toxicol.* 27(4):489-498. Oct. 1981. WR 183
[Pacific Biomed. Res. Cent., Univ. Hawaii, Manoa, Honolulu 96822]

81-007272 Tschaplinski, P. J. and D. R. Gardner. METABOLISM OF FENITROTHION IN RED-BACKED VOLES (*CLETHRIONOMYS GAPPERI*). *Pestic. Biochem. Physiol.* 16(1):47-62. Aug. 1981. WR 183
[Gardner: Dep. Biol., Carleton Univ., Ottawa, Ontario K1S 5B6, Canada]

81-007273 Wright, D. A.; A. W. Davison and M. S. Johnson. FLUORIDE ACCUMULATION BY LONG-TAILED FIELD MICE (*APODEMUS SYLVATICUS* L.) AND FIELD VOLES (*MICROTUS AGRESTIS* L.) FROM POLLUTED ENVIRONMENTS. *Environ. Pollut.* 17(4):303-310. Dec. 1978. WR 183
[Dep. Zool., Univ. Newcastle upon Tyne, Newcastle upon Tyne, NE1 7RU, England]

MAMMALS--PARASITES AND DISEASES

81-007274 Colborne, J.; R. A. I. Norval and A. M. Spickett. ECOLOGICAL STUDIES ON *IXODES (AFRIXODES) NATOPI* SPICKETT, KEIRANS, NORVAL & CLIFFORD, 1980 (ACARINA: IXODIDAE). *Onderstepoort J. Vet. Res.* 48(1):31-35. Mar. 1981. In English with French summ. WR 183
[Vet Res. Lab., P.O. Box 8101, Causeway, Salisbury, Zimbabwe] Hosts: *Oreotragus oreotragus, Procavia capensis, Heterchyrax brucei* and *Pronolagus crassicaudatus* in Zimbabwe.

81-007275 Gonzales, Amado S., Jr. INFECTIVITY AND DISTRIBUTION OF SKUNK RABIES VIRUS IN MICE FOLLOWING ORAL AND PARENTERAL ADMINISTRATION. *Philipp. J. Vet. Med.* 19(2):69-96. Dec. 1980. WR 183
[Univ. Philippines, Coll. Vet. Med., Manila, Philippines] *Mephitis mephitis.*

81-007276 Gradwell, Dudley. FOOT-AND-MOUTH DISEASE MAKES BLACK SHEEP OF IMPALA AND OTHER GAME. *Fauna Flora* 35:16-17. Jan. 1979. WR 183
[Kruger Natl. Park, South Africa]

81-007277 Kaneko, Ken-ichi and Nobuo Hashimoto. OCCURRENCE OF *YERSINIA ENTEROCOLITICA* IN WILD ANIMALS. *Appl. Environ. Microbiol.* 41(3):635-638. Mar. 1981. WR 183
[Dep. Vet. Publ. Health, Fac. Vet. Med., Hokkaido Univ., Sapporo 060, Japan]

MAMMALS--PARASITES AND DISEASES (CONTINUED)

81-007278 Karami, Mahmoud. EPIZOOTIOLOGY OF PLAGUE, AND FLEA EXCHANGE BETWEEN BLACK-TAILED PRAIRIE DOGS AND INTERACTING MAMMALS. *Ph.D. dissertation, Colo. State Univ.* 141p. 1981. From Diss. Abstr. Int. B Sci. Eng. 42(3):894. Sept. 1981. WR 183
Cynomys ludovicianus, Neotoma mexicana, Peromyscus maniculatus and *Eutamias quadrivittatus* in Colorado.

81-007279 Karns, Patrick D. A SURVEY OF PARASITES AND DISEASES OF FOREST WILDLIFE IN MINNESOTA. *Minn. Wildl. Res. Q.* 37(2):130-134. Apr. 1977. WR 183
[Minn. Dep. Nat. Resour., Grand Rapids 55744] *Odocoileus virginianus* and *Ondatra zibethicus.*

81-007280 Kocianová, Elena. AKAROFAUNA DROBNÝCH ZEMNÝCH CICAVCOV ZO ZÁPADNÝCH TATIER-ROHÁČOV II. [ACAROFAUNA OF SMALL TERRESTRIAL MAMMALS OF THE WEST CARPATHIANS-ROHÁČE II.] *Biológia (Bratisl.)* 36(2):107-113. 1981. With Russian and English summ. WR 183
[Systematic & Ekol. Zool., Univ. Komenského, Moskovská 2, 886 04 Bratislava, Czechoslovakia] Data for 11 host species.

81-007281 Lange, Robert E., Jr. PSOROPTIC SCABIES IN WILDLIFE IN THE UNITED STATES AND CANADA. *Desert Bighorn Council Trans. 1980.* p. 18-20. [1981.] WR 183
[N. Mex. Dep. Game & Fish, Las Cruces 88001]

81-007282 Metcalf, Hugh E. and Albert J. Luedke. EPIZOOTIOLOGY OF BLUETONGUE IN THE UNITED STATES OF AMERICA. *Bull. Office Int. Epizoot.* 92(7-8):507-513. July-Aug. 1980. In English with French summ. WR 183
"Wild ruminants--indicator hosts."

81-007283 Morton, Jamie K. BRUCELLOSIS IN ALASKAN WILDLIFE. *Proc. Alaska Sci. Conf. (Fairbanks)* 32:22. 1981. Abstract only. WR 183
[Inst. Arctic Biol., Univ. Alaska, Fairbanks 99701] *Spermophilus parryii, Ursus arctos, Vulpes vulpes, Alopex lagopus* and *Rangifer tarandus.*

81-007284 Ryan, C. P. POLYCYSTIC DISEASE OF THE KIDNEYS IN A STRIPED SKUNK AND MONGOLIAN GERBIL. *Vet. Med. Small Anim. Clin.* 76(9):1351-1354. Sept. 1981. WR 183
[16600 Bircher St., Granada Hills, CA 91344] *Mephitis mephitis* and *Meriones unguiculatus.*

81-007285 Smith, Donald D. THE SARCOCYSTIDAE: *SARCOCYSTIS, FRENKELIA, TOXOPLASMA, BESNOITIA, HAMMONDIA,* AND *CYSTOISOSPORA. J. Protozool.* 28(2):262-266. 1981. WR 183
[Dep. Pathol. & Oncol., Univ. Kans. Med. Cent., Kansas City 66103] Many mammalian hosts.

81-007286 Wampler, J. Thomas II. and Gordon L. Kirkland, Jr. RABIES IN PENNSYLVANIA. *Proc. Pa. Acad. Sci.* 55(1):47-51. 1981. WR 183
[Pa. Diagnostic Lab., Summerdale 17093] "Among the Commonwealth's wildlife species, the principal reservoirs of rabies are bats, skunks, foxes, and, to a lesser extent, raccoons."

MAMMALS--PARASITES AND DISEASES (CONTINUED)

81-007287 Webster, W. A. *ANDERSONSTRONGYLUS NILKSI* (WHITLOCK, 1956) N. COMB. (METASTRONGYLOIDEA: ANGIOSTRONGYLIDAE) WITH A DISCUSSION OF RELATED SPECIES IN NORTH AMERICAN CANIDS AND MUSTELIDS. *Proc. Helminthol. Soc. Wash.* 48(2):154-158. July 1981. WR 183
[Anim. Dis. Res. Inst., Box 11300, Station "H", Nepean, Ontario, Canada K2H 8P9] *Canis familiaris*, *Mephitis mephitis* and *Conepatus mesoleucus*.

81-007288 Zarnke, Randall L. and Thomas M. Yuill. SEROLOGIC SURVEY FOR SELECTED MICROBIAL AGENTS IN MAMMALS FROM ALBERTA, 1976. *J. Wildl. Dis.* 17(3):453-461. July 1981. WR 183
[Alaska Dep. Fish & Game, 1300 College Rd., Fairbanks 99701]

MAMMALS--ECONOMICS, DAMAGE, PREDATION, AND CONTROL

81-007289 Doutreloux, J. DÉ GÂTS DE CERVIDÈS DANS LE MASSIF LANDAIS--DESCRIPTION ET ESTIMATION. [DEER DAMAGE IN MASSIF LANDAIS--DESCRIPTION AND EXTENT.] *Rev. For. Fr.* 33(1):61-78. 1981. In French. WR 183
[24 rue Stéhélin, 33200 Bordeaux-Caudéran, France]

81-007290 Nelson, Michael E. and L. David Mech. DEER SOCIAL ORGANIZATION AND WOLF PREDATION IN NORTHEASTERN MINNESOTA. *Wildl. Monogr.* No. 77. 53p. July 1981. Available at $2.70 from the Executive Director, The Wildlife Society, 5410 Grosvenor Lane, Washington, DC 20014. WR 183
[North Central For. Exp. Stn., 1992 Folwell, Ave., St. Paul, MN 55108] *Odocoileus virginianus* and *Canis lupus*.

81-007291 Osborne, Timothy O. and Laurel Y. Osborne. A SHREW PREYING ON A FREE-TAILED BAT *TADARIDA CONDYLURA*. *Bat Res. News* 22(2-3):14. May-Aug. 1981. WR 183
[Box 1081, Petersburg, AK 99833] *Crocidura hirta*.

81-007292 Reich, Allen. SEQUENTIAL MOBILIZATION OF MARROW FAT IN THE IMPALA (*AEPYCEROS MELAMPUS*) AND ANALYSIS OF CONDITION OF WILD DOG (*LYCAON PICTUS*) PREY. *J. Zool. (Lond.)* 194(3):409-419. July 1981. WR 183
[Bingham Lab., Yale Univ., New Haven, CT 06520]

MARSUPIALS

81-007293 Acland, H. M. PARMA WALLABY HERPESVIRUS INFECTION. *J. Wildl. Dis.* 17(3):471-477. July 1981. WR 183
[Univ. Pa., School Vet. Med., New Bolton Cent., Kennett Square 19348] *Macropus parma*.

81-007294 Archer, Michael. RESULTS OF THE ARCHBOLD EXPEDITIONS. NO. 104. SYSTEMATIC REVISION OF THE MARSUPIAL DASYURID GENUS *SMINTHOPSIS* THOMAS. *Bull. Am. Mus. Nat. Hist.* 168(2):61-224. 10 Apr. 1981. Price $10.95. WR 183
[School Zool., Univ. New South Wales, Sydney, New South Wales, Australia]

MARSUPIALS (CONTINUED)

81-007295 Arias, J. R.; R. D. Naiff; M. A. Miles and A. A. de Souza. THE OPOSSUM, *DIDELPHIS MARSUPIALIS* (MARSUPIALIA: DIDELPHIDAE), AS A RESERVOIR HOST OF *LEISHMANIA BRAZILIENSIS GUYANENSIS* IN THE AMAZON BASIN OF BRAZIL. *Trans. R. Soc. Trop. Med. Hyg.* 75(4):537-541. 1981. WR 183
[Inst. Nacl. Pesquisas Amazônia, C.P. 478, 69.000 Manaus, Amazonas, Brazil]

81-007296 Barker, I. K.; P.L. Carbonell and A. J. Bradley. CYTOMEGALOVIRUS INFECTION OF THE PROSTATE IN THE DASYURID MARSUPIALS, *PHASCOGALE TAPOATAFA* AND *ANTECHINUS STUARTII*. *J. Wildl. Dis.* 17(3):433-441. July 1981. WR 183
[Dep. Pathol., Ontario Vet. Coll., Guelph, Ontario, Canada N1G 2W1]

81-007297 Begg, Robert J. THE SMALL MAMMALS OF LITTLE NOURLANGIE ROCK, N.T. II. ECOLOGY OF *ANTECHINUS BILARNI*, THE SANDSTONE ANTECHINUS (MARSUPIALIA: DASYURIDAE). *Aust. Wildl. Res.* 8(1):57-72. 1981. WR 183
[Conserv. Comm. Northern Territory, P.O. Box 38496, Winnellie, Northern Territory, Australia 5789]

81-007298 Begg, Robert J. THE SMALL MAMMALS OF LITTLE NOURLANGIE ROCK, N.T. III. ECOLOGY OF *DASYURUS HALLUCATUS*, THE NORTHERN QUOLL (MARSUPIALIA: DASYURIDAE). *Aust. Wildl. Res.* 8(1):73-85. 1981. WR 183
[Conserv. Comm. Northern Territory, P.O. Box 38496, Winnellie, Northern Territory, Australia 5789]

81-007299 Briscoe, D. A.; J. D. Murray and G. B. Sharman. INHERITANCE AND EXPRESSION OF TWO PEPTIDASES IN THE WALLAROO, *MACROPUS ROBUSTUS* (GOULD). *Aust. J. Biol. Sci.* 34(3):341-346. 1981. WR 183
[School Biol. Sci., Macquarie Univ., North Ryde, New South Wales 2113, Australia]

81-007300 Catt, D. C. GROWTH AND CONDITION OF BENNETT'S WALLABY (*MACROPUS RUFOGRISEUS FRUTICUS*) IN SOUTH CANTERBURY, NEW ZEALAND. *N.Z. J. Zool.* 8(2):295-300. 1981. WR 183
[Inst. Terrestrial Ecol., Hill of Brathens, Banchory, Kincardineshire AB3 4BY, Scotland]

81-007301 Caughley, Graeme and G. C. Grigg. SURVEYS OF THE DISTRIBUTION AND DENSITY OF KANGAROOS IN THE PASTORAL ZONE OF SOUTH AUSTRALIA, AND THEIR BEARING ON THE FEASIBILITY OF AERIAL SURVEY IN LARGE AND REMOTE AREAS. *Aust. Wildl. Res.* 8(1):1-11. 1981. WR 183
[Div. Wildl. Res., CSIRO, P.O. Box 84, Lyneham, A.C.T., Australia 2602] *Macropus rufus* and *M. fuliginosus* in Australia.

81-007302 Chauvet, Marie-Thérèse; Dominique Hurpet; Jacqueline Chauvet and Roger Acher. UNE HORMONE REPTILIENNE IMPLIQUÉE DANS LA REPRODUCTION DES MARSUPIAUX AUSTRALIENS? CARACTÉRISATION DE LA MÉSOTOCINE (ILE^8-OCYTOCINE) CHEZ LES MACROPODIDÉS ET LES PHALANGÉRIDÉS. [A REPTILIAN HORMONE INVOLVED IN THE REPRODUCTION OF AUSTRALIAN MARSUPIALS. CHARACTERIZATION OF MESOTOCIN (ILE^8-OXYTOCIN) IN MACROPODIDS AND PHALANGERIDS.] *C.R. Hebd. Séances Acad. Sci. Sér. III* 292(22):1155-1158. 22 June 1981. In French with English summ. WR 183
[Lab. Chim. Biol., Univ. Pierre & Marie-Curie, Paris-VI, 96 blvd. Raspail, 75006 Paris, France]

MARSUPIALS (CONTINUED)

81-007303 Croft, D. B. SOCIAL BEHAVIOUR OF THE EURO, *MACROPUS ROBUSTUS* (GOULD), IN THE AUSTRALIAN ARID ZONE. *Aust. Wildl. Res.* 8(1):13-49. 1981. WR 183
[School Zool., Univ. New South Wales, P.O. Box 1, Kensington, New South Wales, Australia 2033]

81-007304 Eisenberg, John F. and Don E. Wilson. RELATIVE BRAIN SIZE AND DEMOGRAPHIC STRATEGIES IN DIDELPHID MARSUPIALS. *Am. Nat.* 118(1):1-15. July 1981. WR 183
[Natl. Zool. Park, Washington, DC] Data for 17 spp.

81-007305 Fleming, M. W. and J. D. Harder. UTERINE HISTOLOGY AND REPRODUCTIVE CYCLES IN PREGNANT AND NON-PREGNANT OPOSSUMS, *DIDELPHIS VIRGINIANA*. *J. Reprod. Fert.* 63(1):21-24. Sept. 1981. WR 183
[Dep. Anim. & Vet. Sci., W. Va. Univ., Morgantown 26506]

81-007306 Ganslosser, Udo. VERGLEICHENDE UNTERSUCHUNGEN ZUR KLETTERFÄHIGKEIT EINIGER BAUMKÄNGURUHARTEN (*DENDROLAGUS*, MÜLLER 1839). II. RAUM-ZEITLICHER ABLAUF DES STEMMKLETTERNS. [A STUDY OF VERTICAL CLIMBING IN SOME SPECIES OF TREE-KANGAROOS (*DENDROLAGUS*, MÜLLER 1839). II. TEMPORAL AND SPATIAL SEQUENCE DURING VERTICAL CLIMBING.] *Zool. Anz.* 206(1/2):62-86. 1981. In German. WR 183
[Zool. Inst., Univ. Heidelberg, Im Neuenheimer Feld 230, D-6900 Heidelberg, West Germany] *Dendrolagus dorianus*, *D. inustus*, *D. matschiei* and *D. goodfellowi* in New Guinea.

81-007307 Garma-Aviña, A. ORAL MELANOMA IN A CAPTIVE WALLABY, *WALLABIA RUFOGRISEA*. *J. Wildl. Dis.* 17(3):409-412. July 1981. WR 183
[Dep. Pathol., Fac. Vet. Med., Natl. Autonomous Univ. Mex., Mexico 20, DF Mexico]

81-007308 Grossman, G. and W. J. O'Sullivan. EASTERN GREY KANGAROO MUSCLE CREATINE KINASE. *Aust. J. Biol. Sci.* 34(3):269-282. 1981. WR 183
[School Biochem., Univ. New South Wales, P.O. Box 1, Kensington, New South Wales 2033, Australia] *Macropus giganteus*.

81-007309 How, R. A. POPULATION PARAMETERS OF TWO CONGENERIC POSSUMS, *TRICHOSURUS* SPP., IN NORTH-EASTERN NEW SOUTH WALES. *Aust. J. Zool.* 29(2):205-215. 1981. WR 183
[Western Australian Mus., Francis St., Perth, Western Austrlia 6000, Australia] *Trichosurus vulpecula* and *T. caninus*.

81-007310 Janssens, P. A. and Lynette A. Hinds. LONG-TERM EFFECTS OF CORTICOSTEROID ADMINISTRATION IN THE TAMMAR WALLABY, *MACROPUS EUGENII*. *Gen. Comp. Endocrinol.* 45(1):56-60. Sept. 1981. WR 183
[Dep. Zool., Australian Natl. Univ., Canberra, A.C.T. 2600, Australia]

81-007311 Lincoln, D. W. and Marilyn B. Renfree. MAMMARY GLAND GROWTH AND MILK EJECTION IN THE AGILE WALLABY, *MACROPUS AGILIS*, DISPLAYING CONCURRENT ASYNCHRONOUS LACTATION. *J. Reprod. Fert.* 63(1):193-203. Sept. 1981. WR 183
[Dep. Anat., Med. School, University Walk, Bristol BS8 1TD, England]

MARSUPIALS (CONTINUED)

81-007312 McDonald, I. R.; A. K. Lee; A. J. Bradley and K. A. Than. ENDOCRINE CHANGES IN DASYURID MARSUPIALS WITH DIFFERING MORTALITY PATTERNS. *Gen. Comp. Endocrinol.* 44(3):292-301. July 1981. WR 183
[Dep. Physiol., Monash Univ., Clayton, Victoria 3168, Australia] *Antechnius swainsonii, A. flavipes* and *Sminthopsis crassicaudata*.

81-007313 Merchant, J. C. and J. H. Calaby. REPRODUCTIVE BIOLOGY OF THE RED-NECKED WALLABY (*MACROPUS RUFOGRISEUS BANKSIANUS*) AND BENNETT'S WALLABY (*M. R. RUFOGRISEUS*) IN CAPTIVITY. *J. Zool. (Lond.)* 194(2):203-217. June 1981. WR 183
[Div. Wildl. Res., CSIRO, P.O. Box 84, Lyneham, Canberra, A.C.T. 2602, Australia]

81-007314 Paton, Barbara C. and Peter A. Janssens. HEPATIC GLYCOGEN METABOLISM AND ITS REGULATION BY HORMONES IN POUCH YOUNG OF THE TAMMAR WALLABY, *MACROPUS EUGENII* (DESMAREST). *Gen. Comp. Endocrinol.* 44(4):497-507. Aug. 1981. WR 183
[Dep. Pathol., Univ. Wis., Madison 53706]

81-007315 Paton, Barbara C. and Peter A. Janssens. METABOLIC CHANGES ASSOCIATED WITH THE SWITCH FROM A MILK TO A VEGETABLE DIET IN THE TAMMAR WALLABY *MACROPUS EUGENII* (DESMAREST). *Comp. Biochem. Physiol. B Comp. Biochem.* 70(1):105-113. 1981. WR 183
[Dep. Pathol., Univ. Wis., Madison 53706]

81-007316 Peacock, W. J.; E. S. Dennis; A. Elizur and J. H. Calaby. REPEATED DNA SEQUENCES AND KANGAROO PHYLOGENY. *Aust. J. Biol. Sci.* 34(3):325-340. 1981. WR 183
[Div. Plant Industry, CSIRO, P.O. Box 1600, Canberra, A.C.T. 2601, Australia] Macropodidae.

81-007317 Spagnoli, Daniel B. DEVELOPMENT OF THE ADRENAL MEDULLA, CHROMAFFIN CELL AND CHROMAFFIN VESICLE OF THE POSTNATAL OPOSSUM. *Ph.D. dissertation, W. Va. Univ.* 203p. 1980. From Diss. Abstr. Int. B Sci. Eng. 42(2):463. Aug. 1981. WR 183
Didelphis virginiana.

81-007318 Stein, Barbara R. COMPARATIVE LIMB MYOLOGY OF TWO OPOSSUMS, *DIDELPHIS* AND *CHIRONECTES*. *J. Morphol.* 169(1):113-140. July 1981. WR 183
[Mus. Nat. Hist., Univ. Kans., Lawrence 66045] *Didelphis virginiana* and *Chironectes minimus*.

81-007319 Turnbull, K. E.; P. E. Mattner and R. L. Hughes. TESTICULAR DESCENT IN THE MARSUPIAL *TRICHOSURUS VULPECULA* (KERR). *Aust. J. Zool.* 29(2):189-198. 1981. WR 183
[Div. Anim. Production, CSIRO, P.O. Box 239, Blacktown, New South Wales 2148, Australia]

81-007320 Tyndale-Biscoe, C. H. and J. P. Hearn. PITUITARY AND OVARIAN FACTORS ASSOCIATED WITH SEASONAL QUIESCENCE OF THE TAMMAR WALLABY, *MACROPUS EUGENII*. *J. Reprod. Fert.* 63(1):225-230. Sept. 1981. WR 183
[Div. Wildl. Res., CSIRO, P.O. Box 84, Lyneham, A.C.T., Australia 2602]

MARSUPIALS (CONTINUED)

81-007321 Ullmann, Suzanne L. OBSERVATIONS ON THE PRIMORDIAL GERM CELLS OF BANDICOOTS (PERAMELIDAE, MARSUPIALIA). *J. Anat.* 132(4):581-595. June 1981. WR 183
[Dep. Zool., Univ. Glasgow, Glasgow G12 8QQ, Scotland] *Perameles nasuta, Isoodon macrourus* and *I. obesulus*.

81-007322 Walker, M. T. and R. Rose. PRENATAL DEVELOPMENT AFTER DIAPAUSE IN THE MARSUPIAL *MACROPUS RUFOGRISEUS*. *Aust. J. Zool.* 29(2):167-187. 1981. WR 183
[School Anat., Univ. Queensland, St. Lucia, Queensland 4067, Australia]

81-007323 Wellard, G. A. and I. D. Hume. NITROGEN METABOLISM AND NITROGEN REQUIREMENTS OF THE BRUSHTAIL POSSUM, *TRICHOSURUS VULPECULA* (KERR). *Aust. J. Zool.* 29(2):147-156. 1981. WR 183
[Natl. Parks & Wildl. Serv., P.O. Box N189, Grosvenor St., Sydney, New South Wales 2000, Australia]

81-007324 Wellard, G. A. and I. D. Hume. DIGESTION AND DIGESTA PASSAGE IN THE BRUSHTAIL POSSUM, *TRICHOSURUS VULPECULA* (KERR). *Aust. J. Zool.* 29(2):157-166. 1981. WR 183
[Natl. Parks & Wildl. Serv., P.O. Box N189, Grosvenor St., Sydney, New South Wales 2000, Australia]

81-007325 Wilks, C. R.; B. Kefford and R. B. Callinan. HERPESVIRUS AS A CAUSE OF FATAL DISEASE IN AUSTRALIAN WALLABIES. *J. Comp. Pathol.* 91(3):461-465. July 1981. WR 183
[Dep. Agric., Veterinary Res. Inst., Park Dr., Parkville 3052, Australia] *Dorcopsis muelleri luctuosa* and *Setonix brachyurus*.

MOLES, SHREWS, AND OTHER INSECTIVORES

81-007326 Advani, Ranjan and B. D. Rana. FOOD OF THE HOUSE SHREW, *SUNCUS MURINUS SINDENSIS* IN THE INDIAN DESERT. *Acta Theriol.* 26(7):133-134. Mar. 1981. In English. WR 183
[Central Arid Zone Res. Inst., Jodhpur-342003, India]

81-007327 Anderson, Thomas J. REPRODUCTIVE STATUS OF AN UPLAND POPULATION OF MASKED SHREWS. *Ohio J. Sci.* 81(4):161-164. July 1981. WR 183
[3605 Warrensville Cent. Rd., Cleveland, OH 44122] *Sorex cinereus* in Michigan.

81-007328 Barnard, C. J. and C. A. J. Brown. PREY SIZE SELECTION AND COMPETITION IN THE COMMON SHREW (*SOREX ARANEUS* L.). *Behav. Ecol. Sociobiol.* 8(3):239-243. June 1981. WR 183
[Anim. Behav. Res. Group, Dep. Zool., Univ. Nottingham, University Park, Nottingham NG7 2RD, England]

MOLES, SHREWS, AND OTHER INSECTIVORES (CONTINUED)

81-007329 Catalan, Josette and Françoise Poitevin. LES CROCIDURES DU MIDI DE LA FRANCE: LEURS CARACTÉRISTIQUES GÉNÉTIQUES ET MORPHOLOGIQUES; LA PLACE DES POPULATIONS CORSES. [CROCIDURA FROM THE FRENCH MIDI: THEIR GENETIC AND MORPHOLOGICAL CHARACTERISTICS; STATUS OF THE CORSICAN POPULATIONS.] *C.R. Hebd. Séances Acad. Sci. Sér. III* 292(17):1017-1020. 11 May 1981. In French with English summ. WR 183
[Lab. Évol. Vertébrés, U.S.T.L. Place Eugène-Bataillon, 34060 Montpellier, France] *Crocidura russula* and *C. suaveolens.*

81-007330 Churchfield, Sara. WATER AND FAT CONTENTS OF BRITISH SHREWS AND THEIR ROLE IN THE SEASONAL CHANGES IN BODY WEIGHT. *J. Zool. (Lond.)* 194(2):165-173. June 1981. WR 183
[Dep. Zool., Chelsea Coll., Univ. London, Hortensia Rd., London, England] *Sorex araneus, S. minutus* and *Neomys fodiens.*

81-007331 Esher, R. J. and J. L. Wolfe. LEAST SHREW (*CRYPTOTIS PARVA*) MORTALITY DURING SIMULATED RAINFALL. *Am. Midl. Nat.* 106(1):201-202. July 1981. WR 183
[Dep. Biol. Sci., Miss. State Univ., Mississippi State 39762]

81-007332 Huffman, Jane E. and Lawrence R. Penner. HELMINTHS FROM THE SHORT-TAIL SHREW, *BLARINA BREVICAUDA*, IN CONNECTICUT WITH REFERENCE TO THE HISTOPATHOLOGY OF *CAPILLARIA. Proc. Helminthol. Soc. Wash.* 48(2):209-213. July 1981. WR 183
[Dep. Zool. & Physiol., Rutgers Univ., Newark, NJ 07102]

81-007333 Kováčik, Ján. PISKOR VRCHOVSKÝ - *SOREX ALPINUS* SCHINZ, 1837 V POHORÍ VTÁČNIK (ZÁPADNÉ KARPATY). [*SOREX ALPINUS*, SCHINZ, 1837 IN THE VTÁČNIK MOUNTAINS (WEST CARPATHIANS).] *Biológia (Bratisl.)* 35(11):845-847. 1980. With Russian and English summ. WR 183
[Inst. Exp. Biol. & Ecol. SAV, Res. Stn. 976 02 Staré Hory, Czechoslovakia]

81-007334 Král, Bohumil; Vladimir M. Aniskin and Vitalij T. Volubujev. KARYOTYPE VARIABILITY IN SIBERIAN POPULATIONS OF *SOREX ARANEUS* (SORICIDAE, INSECTIVORA). *Folia Zool. (Brno)* 30(1):23-37. 1981. In English with Russian summ. WR 183
[Inst. Vertebr. Zool., Květná 8, 603 65 Brno, Czechoslovakia]

81-007335 Martin, Irwin G. TOLERANCE OF CONSPECIFICS BY SHORT-TAILED SHREWS (*BLARINA BREVICAUDA*) IN SIMULATED NATURAL CONDITIONS. *Am. Midl. Nat.* 106(1):206-208. July 1981. WR 183
[Monell Chem. Senses Cent., 3500 Market St., Philadelphia, PA 19104]

81-007336 Nikolsky, V. S. [LOCOMOTION OF THE EUROPEAN HEDGEHOG (*ERINACEUS EUROPAEUS*).] *Zool. Zh.* 58(12):1858-1863. Dec. 1979. In Russian with English summ. WR 183
[Zool. Mus., State Univ. Moscow, Moscow, USSR]

81-007337 Rathbun, Galen B. and Kent Redford. PEDAL SCENT-MARKING IN THE RUFOUS ELEPHANT-SHREW, *ELEPHANTULUS RUFESCENS. J. Mammal.* 62(3):635-637. 20 Aug. 1981. WR 183
[Natl. Field & Wildl. Lab., 412 N.E. 16th Ave., Gainesville, FL 32601]

MOLES, SHREWS, AND OTHER INSECTIVORES (CONTINUED)

81-007338 Schaefer, V. H. A TEST OF THE POSSIBLE REDUCTION OF THE DIGGING ACTIVITY OF MOLES IN PASTURES BY INCREASING SOIL NITROGEN. *Acta Theriol.* 26(7):118-123. Mar. 1981. In English. WR 183
[Dep. Biol., Douglas Coll., P.O. Box 2503, New Westminster, British Columbia V3L 5B2, Canada] *Scapanus orarius* in Canada.

81-007339 Terry, Carol J. HABITAT DIFFERENTIATION AMONG THREE SPECIES OF *SOREX* AND *NEUROTRICHUS GIBBSI* IN WASHINGTON. *Am. Midl. Nat.* 106(1):119-125. July 1981. WR 183
[Dep. Systematics & Ecol., Univ. Kans., Lawrence 66045] *Sorex trowbridgii, S. vagrans* and *S. monticolus.*

81-007340 Volobuev, V. T. and V. M. Aniskin. KARYOTYPIC STRUCTURE OF A NUMBER OF SIBERIAN POPULATIONS OF *SOREX ARANEUS* L. (INSECTIVORA, SORICIDAE). *Dokl. Biol. Sci. (Engl. Transl. Dokl. Akad. Nauk SSSR Ser. Biol.)* 256(1-6):125-126. July 1981. Translated from Dokl. Akad. Nauk SSSR 256(1):242-243. Jan. 1981. WR 183
[Inst. Biol. Karelian Branch, Acad. Sci. USSR, Petrozavodsk, USSR]

81-007341 Wolfe, James L. and Robert J. Esher. RELATIVE ABUNDANCE OF THE SOUTHEASTERN SHREW. *J. Mammal.* 62(3):649-650. 20 Aug. 1981. WR 183
[Dep. Biol. Sci., Miss. State Univ., Mississippi State 39762] *Sorex longirostris* in Mississippi.

BATS

81-007342 Baker, Robert J.; Hugh H. Genoways and Paisley A. Seyfarth. RESULTS OF THE ALCOA FOUNDATION-SURINAME EXPEDITIONS. VI. ADDITIONAL CHROMOSOMAL DATA FOR BATS (MAMMALIA: CHIROPTERA) FROM SURINAME. *Ann. Carnegie Mus.* 50(12):333-344. 8 July 1981. WR 183
[Mus., Tex. Tech Univ., Lubbock 79409] Data for 17 spp.

81-007343 Barros, Robert J. SECOND RECORD OF THE EASTERN PIPISTRELLE, *PIPISTRELLUS SUBFLAVUS*, IN MICHIGAN. *Jack-Pine Warbler* 59(2):68. June 1981. WR 183
[Dep. Biol. Sci., Mich. Technol. Univ., Houghton 49931]

81-007344 Baud, François-J. EXPÉDITION DU MUSÉUM DE GENÈVE AU PARAGUAY: CHIROPTÈRES. [EXPEDITION OF THE MUSEUM OF GENEVA TO PARAGUAY: CHIROPTERA.] *Rev. Suisse Zool.* 88(2):567-581. 1981. In French with English summ. WR 183
[Mus. Hist. Nat., Route de Malagnou, CH-1211 Geneva 6, Switzerland] Data for 20 spp. representing 14 genera.

81-007345 Bernard, R. T. F. REPRODUCTIVE CYCLES OF *MINIOPTERUS SCHREIBERSI NATALENSIS* (KUHL, 1819) AND *MINIOPTERUS FRATERCULUS* THOMAS AND SCHWANN, 1906. *Ann. Transvaal Mus.* 32(3):55-64. Jan. 1980. WR 183
[Dep. Zool., Univ. Natal, Pietermaritzburg, South Africa]

81-007346 Bleier, W. J. and M. Ehteshami. OVULATION FOLLOWING UNILATERAL OVARIECTOMY IN THE CALIFORNIA LEAF-NOSED BAT *(MACROTUS CALIFORNICUS). J. Reprod. Fert.* 63(1):181-183. Sept. 1981. WR 183
[Dep. Zool., N. Dak. State Univ., Fargo 58105]

BATS (CONTINUED)

81-007347 Chase, Julia. VISUALLY GUIDED ESCAPE RESPONSES OF MICROCHIROPTERAN BATS. *Anim. Behav.* 29(3):708-713. Aug. 1981. WR 183
[Dep. Biol. Sci., Barnard Coll., Columbia Univ., New York, NY 10027] Data for 8 spp.

81-007348 Crawford, Robert L. and W. Wilson Baker. BATS KILLED AT A NORTH FLORIDA TELEVISION TOWER: A 25-YEAR RECORD. *J. Mammal.* 62(3):651-652. 20 Aug. 1981. WR 183
[Tall Timbers Res., Stn., Rt. 1, Box 160, Tallahassee, FL 32312] Data for 7 spp.

81-007349 Engstrom, Mark D. and Don E. Wilson. SYSTEMATICS OF *ANTROZOUS DUBIAQUERCUS* (CHIROPTERA: VESPERTILIONIDAE), WITH COMMENTS ON THE STATUS OF *BAUERUS* VAN GELDER. *Ann. Carnegie Mus.* 50(15):371-383. 18 Sept. 1981. WR 183
[Dep. Wildl. & Fish. Sci., Tex. A&M Univ., College Station 77843]

81-007350 Fairman, John. ENDANGERED BAT DISCOVERED AT WESTERN ILLINOIS UNIVERSITY. *Ill. Audubon Bull.* No. 195. p. 25-26. 1980/81. WR 183
Myotis sodalis in Illinois.

81-007351 Fattu, James M. and Roderick A. Suthers. SUBGLOTTIC PRESSURE AND THE CONTROL OF PHONATION BY THE ECHOLOCATING BAT, *EPTESICUS*. *J. Comp. Physiol. A Sens. Neural Behav. Physiol.* 143(4):465-475. 11 Aug. 1981. WR 183
[Ind. Univ. School of Med., Evansville, IN 47732] *Eptesicus fuscus*.

81-007352 Fenton, M. B.; D. W. Thomas and R. Sasseen. *NYCTERIS GRANDIS* (NYCTERIDAE): AN AFRICAN CARNIVOROUS BAT. *J. Zool. (Lond.)* 194(4):461-465. Aug. 1981. WR 183
[Dep. Biol., Carleton Univ., Ottawa, Ontario, Canada K1S 5B6]

81-007353 Fullard, James H. and Donald W. Thomas. DETECTION OF CERTAIN AFRICAN, INSECTIVOROUS BATS BY SYMPATRIC, TYMPANATE MOTHS. *J. Comp. Physiol. A Sens. Neural Behav. Physiol.* 143(3):363-368. Aug. 1981. WR 183
[Dep. Zool., Erindale Coll., Univ. Toronto, Mississauga, Ontario, Canada L5L 1C6] Data for 14 spp. of Chiroptera.

81-007354 Funakoshi, Kimitake and Teru Aki Uchida. FEEDING ACTIVITY DURING THE BREEDING SEASON AND POSTNATAL GROWTH IN THE NAMIE'S FROSTED BAT, *VESPERTILIO SUPERANS SUPERANS*. *Jpn. J. Ecol.* 31(1):67-77. Mar. 1981. In English with Japanese summ. WR 183
[Zool. Lab., Fac. Agric., Kyushu Univ., Fukuoka 812, Japan]

81-007355 Gustafson, A. W. and W. D. Belt. THE ADRENAL CORTEX DURING ACTIVITY AND HIBERNATION IN THE MALE LITTLE BROWN BAT, *MYOTIS LUCIFUGUS LUCIFUGUS*: ANNUAL RHYTHM OF PLASMA CORTISOL LEVELS. *Gen. Comp. Endocrinol.* 44(3):269-278. July 1981. WR 183
[Dep. Anat., Tufts Univ. Schools Med., Dental Med. & Vet. Med., 136 Harrison Ave., Boston, MA 02111]

BATS (CONTINUED)

81-007356 Howell, D. J. and D. L. Hartl. OPTIMAL FORAGING IN GLOSSOPHAGINE BATS: WHEN TO GIVE UP. *Am. Nat.* 115(5):696-704. May 1980. WR 183
[Life Sci., Purdue Univ., West Lafayette, IN 47907]

81-007357 Howell, D. J. FLOCK FORAGING IN NECTAR-FEEDING BATS: ADVANTAGES TO THE BATS AND TO THE HOST PLANTS. *Am. Nat.* 114(1):23-49. July 1979. WR 183
[Dep. Biol. Sci., Purdue Univ., West Lafayette, IN 47907] *Leptonycteris sanborni* in Arizona.

81-007358 Kurta, Allen. THE BATS OF SOUTHERN LOWER MICHIGAN. *M.S. thesis, Mich. State Univ.* 157p. 1980. From Masters Abstr. 19(2):199. June 1981. WR 183

81-007359 Madhavan, A. BREEDING HABITS AND ASSOCIATED PHENOMENA IN SOME INDIAN BATS. *J. Bombay Nat. Hist. Soc.* 77(2):227-237. Aug. 1980. WR 183
[Zool., Bhart Mata Coll., Cochin 21, Kerala, India]

81-007360 Marsh, David Sterling. A FUNCTIONAL ORGANIZATION OF THE INFERIOR COLLICULUS IN THE MEXICAN FREE-TAILED BAT, *TADARIDA BRASILIENSIS. Ph.D. dissertation, Univ. Tex. (Austin)* 197p. 1981. From Diss. Abstr. Int. B Sci. Eng. 42(3):938. Sept. 1981. WR 183

81-007361 Mori, T. and T. A. Uchida. ULTRASTRUCTURAL OBSERVATIONS OF FERTILIZATION IN THE JAPANESE LONG-FINGERED BAT, *MINIOPTERUS SCHREIBERSII FULIGINOSUS. J. Reprod. Fert.* 63(1):231-235. Sept. 1981. WR 183
[Zool. Lab., Fac. Agric., Kyushu Univ., Fukuoka 812, Japan]

81-007362 Morris, Debra. WILDLIFE IN NEW JERSEY / BATS. *N.J. Outdoors* 8(4):22-23. July-Aug. 1981. WR 183

81-007363 Morrison, Douglas W. and Susan Hagen Morrison. ECONOMICS OF HAREM MAINTENANCE BY A NEOTROPICAL BAT. *Ecology* 62(3):864-866. June 1981. WR 183
[Dep. Zool. & Physiol., Rutgers Univ., Newark, NJ 07102] *Artibeus jamaicensis.*

81-007364 Neuweiler, Gerhard. HOW BATS DETECT FLYING INSECTS. *Physics Today* 33(8):34-40. 1980. From Ecol. Abstr. 1981/2:81L/2383. 1981. WR 183

81-007365 Pirlot, Paul. RÉFLEXIONS SUR LA MÉTHODOLOGIE TAXONOMIQUE À PROPOS D'UNE CHAUVE-SOURIS. [ON THE TAXONOMIC METHOLOGY APPLIED TO A BAT.] *Nat. Can. (Que.)* 107(4):269-276. 1980. In French with English summ. WR 183
[Dép. Sci. Biol., Univ. Montréal, C.P. 6128, Succursale A, Montréal, Québec, Canada H3C 3J7] *Eumops perotis* and *E. p. renatea.*

81-007366 Qumsiyeh, Mazin B. and Duane A. Schlitter. BAT RECORDS FROM MAURITANIA, AFRICA (MAMMALIA: CHIROPTERA). *Ann. Carnegie Mus.* 50(13):345-351. 8 July 1981. WR 183

BATS (CONTINUED)

81-007366 CONTINUED
[Dep. Systematics & Evol. Biol., Univ. Conn., Storrs 06268] Data for 11 spp.

81-007367 Rübsamen, Rudolf and Gerd Schuller. LARYNGEAL NERVE ACTIVITY DURING PULSE EMISSION IN THE CF-FM BAT, *RHINOLOPHUS FERRUMEQUINUM*. II. THE RECURENT LARYNGEAL NERVE. *J. Comp. Physiol. A Sens. Neural Behav. Physiol.* 143(3):323-327. Aug. 1981. WR 183
[Neuro- & Rezeptorphysiol., Fachbereich Biol., J. W. Goethe Univ., D-6000 Frankfurt/Main, West Germany]

81-007368 Rao, K. V. B. and Biswa Ranjan Maiti. ADRENOMEDULARY RESPONSES TO FORMALIN STRESS IN INDIAN FRUIT-BAT. *Zool. Anz.* 206(1/2):100-103. 1981. In English. WR 183
[Dep. Zool., Inst. Sci., Nagpur, India] *Pteropus g. giganteus*.

81-007369 Richardson, Bruce A. IDENTIFICATION OF PROLACTIN AND GROWTH HORMONE CELLS IN THE PARS DISTALIS OF THE CALIFORNIA LEAF-NOSED BAT, *MACROTUS CALIFORNICUS*. *Am. J. Anat.* 161(4):427-440. Aug. 1981. WR 183
[Dep. Anat., Univ. Ariz. Health Sci. Cent., Tucson 85724]

81-007370 Sabnis, J. H. STUDIES ON THE CHARACTERISTICS OF HAIR IN SOME INDIAN BATS: (MAMMALIA: CHIROPTERA). *J. Bombay Nat. Hist. Soc.* 77(3):413-423. Dec. 1980. WR 183
[Dep. Zool., Vidharbha Mahavidyalaya, Amravati-444 604, India] Data for 19 spp.

81-007371 Schlitter, Duane A. and Suzanne B. McLaren. AN ADDITIONAL RECORD OF *MYONYCTERIS RELICTA* BERGMANS, 1980, FROM TANZANIA (MAMMALIA: CHIROPTERA). *Ann. Carnegie Mus.* 50(16):385-389. 18 Sept. 1981. WR 183
[Carnegie Mus. Nat. Hist., 4400 Forbes Ave., Pittsburgh, PA 15213]

81-007372 Schuller, Gerd and Rudolf Rübsamen. LARYNGEAL NERVE ACTIVITY DURING PULSE EMISSION IN THE CF-FM BAT, *RHINOLOPHUS FERRUMEQUINUM*. I. SUPERIOR PARYNGEAL NERVE CEXTERNAL MOTOR BRANCH. *J. Comp. Physiol. A Sens. Neural Behav. Physiol.* 143(3):317-321. Aug. 1981. WR 183
[Neuro- & Rezeptorphysiol., Fachbereich Biol., J. W. Goethe Univ., D-6000 Frankfurt/Main, West Germany]

81-007373 Sinha, Y. P. FURTHER OBSERVATIONS ON THE FIELD ECOLOGY OF RAJASTHAN BATS. *J. Bombay Nat. Hist. Soc.* 77(3):465-470. Dec. 1980. WR 183
[Gangetic Plains Regional Stn., Zool. Surv. India, Patna-800016 (Bihar), India] Data for 15 spp.

81-007374 Thompson, Michael J. A. A NEW LEISLER'S BAT *NYCTALUS LEISLERI* RECORD FROM YORKSHIRE. *Naturalist (Leeds)* 106(957):84-85. Apr.-June 1981. WR 183

81-007375 van der Merwe, M. FETAL DEVELOPMENT OF THE BAT *MINIOPTERUS SCHREIBERSI NATALENSIS*. *S. Afr. J. Zool.* 16(3):172-182. 1981. In English with Afrikaans summ. WR 183
[Mammal Res. Inst., Univ. Pretoria, Pretoria 0002, South Africa]

BATS (CONTINUED)

81-007376 Waterstradt, Connie. HAND-RAISING A RED BAT (*LASIURUS BOREALIS*). *Anim. Keeper's Forum* 8(10):237-238. Oct. 1981. WR 183
[Layfayette Zool. Parks, Norfolk, VA]

81-007377 Woodsworth, G. C.; G. P. Bell and M. B. Fenton. OBSERVATIONS OF THE ECHOLOCATION, FEEDING BEHAVIOUR, AND HABITAT USE OF *EUDERMA MACULATUM* (CHIROPTERA: VESPERTILIONIDAE) IN SOUTHCENTRAL BRITISH COLUMBIA. *Can. J. Zool.* 59(6):1099-1102. June 1981. In English with French summ. WR 183
[Dep. Biol., Carleton Univ., Ottawa, Ontario, Canada K1S 5B6]

FURBEARERS

81-007378 Benson, Robert I. AN HISTORICAL REVIEW OF RESEARCH, TRAPPING REGULATIONS, AND HARVESTS OF MINNESOTA MINK AND MUSKRATS. *Minn. Wildl. Res. Q.* 36(4):161-198. Oct. 1976. WR 183
[Wetlands Wildl. Populations & Res. Group, Minn. Dep. Nat. Resour., Bemidji 56601] *Ondatra zibethicus* and *Mustela vison*.

81-007379 Hatcher, Richard T. and James H. Shaw. A COMPARISON OF THREE INDICES TO FURBEARER POPULATIONS. *Wildl. Soc. Bull.* 9(2):153-156. 1981. WR 183
[Okla. Dep. Wildl. Conserv., 1801 N. Lincoln, Oklahoma City 73105] *Canis latrans*, *Lynx rufus*, *Urocyon cinereoargenteus* and *Vulpes vulpes* in Oklahoma.

81-007380 Karns, Patrick D. BEAVER AND OTTER HARVEST SURVEY, 1976. *Minn. Wildl. Res. Q.* 37(2):135-143. Apr. 1977. WR 183
[Minn. Dep. Nat. Resour., Grand Rapids 55744] *Castor canadensis* and *Lutra canadensis* in Minnesota.

81-007381 Naggiar, Morrie. FURBEARER RESEARCH. *Fla. Wildl.* 35(2):29-31. July-Aug. 1981. WR 183
Fur animal research in Florida.

81-007382 Sampson, Frank W. MISSOURI FUR HARVESTS. *Mo. Dep. Conserv. Terrestrial Ser.* No. 7. 59p. 1980. WR 183

81-007383 Todd, Arlen W. ECOLOGICAL ARGUMENTS FOR FUR-TRAPPING IN BOREAL WILDERNESS REGIONS. *Wildl. Soc. Bull.* 9(2):116-124. 1981. WR 183
[Alberta Dep. Energy & Nat. Resour., Fish & Wildl. Div., Edmonton, Alberta T5K 2C9, Canada]

RABBITS AND PIKAS

81-007384 Štefba, Oldřich. PRENATAL DEVELOPMENT AND GROWTH OF *LEPUS EUROPAEUS*. *Folia Zool. (Brno)* 30(2):147-154. 1981. In English with Russian summ. WR 183
[Inst. Vertebr. Zool., ČSAV, Květná 8, 603 65 Brno, Czechoslovakia]

RABBITS AND PIKAS (CONTINUED)

81-007385 Arthur, C. P. DÉMOGRAPHIE DU LAPIN DE GARENNE *ORYCTOLAGUS CUNICULUS* (L.) 1758 EN RÉGION PARISIENNE. [DEMOGRAPHY OF THE EUROPEAN RABBIT *ORYCTOLAGUS CUNICULUS* (L) 1758 IN THE PARIS REGION.] *Bull. Mens. Off. Natl. Chasse No. Spec. Sci. Tech. (Paris)* p. 127-162. Dec. 1980. In French with German and English summ. WR 183
[O.N.C., Sect. Lapin, Saint-Benoist, 78610 Le Perray en Yvelines, France]

81-007386 Arthur, C. P.; J. L. Chapuis; M. V. Pages and F. Spitz. ENQUÊTES SUR LA SITUATION ET LA RÉPARTITION ÉCOLOGIQUE DU LAPIN DE GARENNE EN FRANCE. [SURVEYS ON THE STATUS AND THE ECOLOGICAL DISTRIBUTION OF THE EUROPEAN WILD RABBIT IN FRANCE.] *Bull. Mens. Off. Natl. Chasse No. Spec. Sci. Tech. (Paris)* p. 37-90. Dec. 1980. In French with German and English summ. WR 183
[O.N.C., Sect. Lapin, Saint-Benoist, Auffargis, 78610 Le Pérray en Yvelines, France] *Oryctolagus cuniculus.*

81-007387 Beaucournu, J. C. LES ECTOPARASITES DU LAPIN DE GARENNE, *ORYCTOLAGUS CUNICULUS*: APPORTS A SON HISTOIRE. [THE ECTOPARASITES OF THE EUROPEAN RABBIT *ORYCTOLAGUS CUNICULUS*: CONTRIBUTION TO ITS HISTORY.] *Bull. Mens. Off. Natl. Chasse No. Spec. Sci. Tech. (Paris)* p. 23-35. Dec. 1980. In French with German and English summ. WR 183
[Lab. Parasitol., Fac. Med. Ave. Professeur-Léon-Bernard, 35043 Rennes Cedex, France]

81-007388 Bergoin, M.; C. Antony; F. X. Jousset and J. M. Gourreau. RECHERCHES SUR LES MODALITÉS DE TRANSMISSION DU VIRUS MYXOMATEUX PAR LES MOUSTIQUES. [RESEARCH ON THE MODES OF MYXOMA VIRUS TRANSMISSION BY MOSQUITOES.] *Bull. Mens. Off. Natl. Chasse No. Spec. Sci. Tech. (Paris)* p. 265-276. Dec. 1980. In French with German and English summ. WR 183
[Stn. Rech. Pathol. Comp., INRA-CNRS, 30380 St. Christol les Alès, France] Relation to *Oryctolagus cuniculus.*

81-007389 Brunton, Daniel F. NOCTURNAL AGGREGATIONS OF WHITE-TAILED JACK-RABBITS AT RIMBEY, ALBERTA. *Blue Jay* 39(2):120-121. June 1981. WR 183
[2683 Violet Street, Ottawa, Ontario K2B 6X1, Canada] *Lepus townsendii.*

81-007390 Bryant, John P. and Peggy Kuropat. ANTIHERBIVORE DEFENSE PATTERNS OF TAIGA FOREST TREES AND SHRUBS. *Proc. Alaska Sci. Conf. (Fairbanks)* 32:119-120. 1981. Abstract only. WR 183
[Inst. Arctic Biol., Univ. Alaska, Fairbanks 99701] *Lepus americanus.*

81-007391 Causby, Lisa A. and E. Norbert Smith. CONTROL OF FEAR BRADYCARDIA IN THE SWAMP RABBIT, *SYLVILAGUS AQUATICUS*. *Comp. Biochem. Physiol. C Comp. Pharmacol.* 69(2):367-370. 1981. WR 183
[Div. Nat. Sci. & Mathematics, Northeastern State Univ., Tahlequah, OK 74464]

81-007392 Cervantes R., Fernando and William López-Forment C. OBSERVATIONS ON THE SEXUAL BEHAVIOR, GESTATION PERIOD, AND YOUNG OF CAPTIVE MEXICAN VOLCANO RABBITS, *ROMEROLAGUS DIAZI*. *J. Mammal.* 62(3):634-635. 20 Aug. 1981. WR 183
[Dep. Zool., Inst. Biol., U.N.A.M., Apdo. Postal 70-153, México 20, D.F. México]

RABBITS AND PIKAS (CONTINUED)

81-007393 Chapuis, J. L. MÉTHODES D'ÉTUDE DU RÉGIME ALIMENTAIRE DU LAPIN DE GARENNE, *ORYCTOLAGUS CUNICULUS* (L.) PAR L'ANALYSE MICROGRAPHIQUE DES FÈCES. [THE USE OF MICROGRAPHICAL ANALYSIS OF FAECES AS A METHOD IN *ORYCTOLAGUS CUNICULUS* (L.) DIET STUDIES.] *Bull. Mens. Off. Natl. Chasse No. Spec. Sci. Tech. (Paris)* p. 163-164. Dec. 1980. In French with German and English summ. WR 183
[Lab. Zool. & Écol., Univ. Rennes, 35042 Rennes Cedex, France]

81-007394 Chapuis, Jean Louis. ANALYSE DE LA DISTRIBUTION SPATIALE DU LAPIN DE GARENNE, *ORYCTOLAGUS CUNICULUS* (L.) SUR UNE LANDE BRETONNE. [ANALYSIS OF THE SPATIAL DISTRIBUTION OF THE WILD RABBIT (*ORYCTOLAGUS CUNICULUS*) ON A CAP FREHEL HEATHLAND (BRITTANY).] *Bull. Mens. Off. Natl. Chasse No. Spec. Sci. Tech. (Paris)* p. 91-109. Dec. 1980. In French with German and English summ. WR 183
[Lab. Zool. & Ecol., Univ. Rennes, 35042 Rennes, France]

81-007395 Chapuis, Jean-Louis. ÉVOLUTION SAISONNIÈRE DU RÉGIME ALIMENTAIRE D'*ORYCTOLAGUS CUNICULUS* (L.) DANS DIFFÉRENTS TYPES D'HABITATS, EN FRANCE. [ANNUAL CHANGES IN FOOD CHOICE IN LOCAL GROUPS OF RABBITS *ORYCTOLAGUS CUNICULUS* (L.), IN DIFFERENT HABITATS IN FRANCE, AS INDICATED BY DROPPING ANALYSIS.] *Bull. Mens. Off. Natl. Chasse No. Spec. Sci. Tech. (Paris)* p. 165-182. Dec. 1980. In French with German and English summ. WR 183
[Lab. Zool. & Écol., Univ. Rennes, 35042 Rennes Cedex, France]

81-007396 Diersing, Victor E. SYSTEMATIC STATUS OF *SYLVILAGUS BRASILIENSIS* AND *S. INSONUS* FROM NORTH AMERICA. *J. Mammal.* 62(3):539-556. 20 Aug. 1981. WR 183
[Mus. Nat. Hist., Univ. Ill., Champaign 61801]

81-007397 Fagerstone, Kathleen A.; G. Keith Lavoie and Richard E. Griffith, Jr. BLACK-TAILED JACKRABBIT DIET AND DENSITY ON RANGELAND AND NEAR AGRICULTURAL CROPS. *J. Range Manage.* 33(3):229-233. May 1980. WR 183
[Denver Wildl. Res. Cent., Bldg. 16, DFC, Denver, CO 80225] *Lepus californicus* in Idaho.

81-007398 Gilot, B. and L. Joubert. LE RÖLE VECTORIEL DES CULICIDES DANS L'ÉPIDÉMIOLOGIE DE LA MYXOMATOSE: BILAN CRITIQUE DES ÉTUDES EFFECTUÉES DANS LA RÉGION RHÔNE-ALPES DE 1975 A 1980. [THE VECTOR ROLE OF CULICIDAE IN THE EPIDEMIOLOGY OF MYXOMATOSIS: CRITICAL SURVEY OF STUDIES CARRIED OUT IN THE RHÔNE-ALPES REGION BETWEEN 1975 AND 1980.] *Bull. Mens. Off. Natl. Chasse No. Spec. Sci. Tech. (Paris)* p. 243-263. Dec. 1980. In French with German and English summ. WR 183
[Univ. Sci. & Med. Grenoble, Campus Univ., 38041 Grenoble, France] *Oryctolagus cuniculus* in France.

81-007399 Green, Jeffrey S. and Jerran T. Flinders. HABITAT AND DIETARY RELATIONSHIPS OF THE PYGMY RABBIT. *J. Range Manage.* 33(2):136-142. Mar. 1980. WR 183
[U.S. Sheep Exp. Stn., Dubois, ID 834237] *Brachylagus idahoensis* in Idaho.

81-007400 Green, Jeffrey S. and Jerran T. Flinders. ALARM CALL OF THE PYGMY RABBIT (*BRACHYLAGUS IDAHOENSIS*). *Great Basin Nat.* 41(1):158-160. 31 Mar. 1981. WR 183
[U.S. Sheep Exp. Stn., Dubois, ID 83423]

RABBITS AND PIKAS (CONTINUED)

81-007401 Jacobs, Dan and Kenneth R. Dixon. BREEDING-SEASON PRECIPITATION AND THE HARVEST OF COTTONTAILS. *J. Wildl. Manage.* 45(4):1011-1014. Oct. 1981. WR 183
[Appalachian Environ. Lab., Univ. Md. Cent. Environ. & Estuarine Studies, Frostburg State Coll., Frostburg 21532] *Sylvilagus floridanus*.

81-007402 Joubert, L. and A. Brun. LA MYXOMATOSE SAUVAGE ET SA PROPHYLAXIE ASSOCIÉE, MÉDICALE ET SAINTAIRE. [MYXOMATOSIS IN THE FIELD AND ITS ASSOCIATED MEDICAL AND SANITARY PROPHYLAXIS.] *Bull. Mens. Off. Natl. Chasse No. Spec. Sci. Tech. (Paris)* p. 277-295. Dec. 1980. In French with German and English summ. WR 183
[Ecol. Natl. Vét. Lyon, Mercy L'Etoile, 69260 Charbonnières les Bains, France] *Oryctolagus cuniculus*.

81-007403 Launay, H. APPROCHE D'UNE PROPHYLAXIE DE LA MYXOMATOSE: ÉCOLOGIE DES PUCES DU LAPIN DE GARENNE. [AN APPROACH TO A PROPHYLAXY OF MYXOMATOSIS: ECOLOGY OF THE EUROPEAN RABBIT FLEAS.] *Bull. Mens. Off. Natl. Chasse No. Spec. Sci. Tech. (Paris)* p. 213-241. Dec. 1980. In French with German and English summ. WR 183
[Inst. Parasitol. Ouest, Ave. Professeur-Léon-Bernard, 35043 Rennes-Cedex, France] *Oryctolagus cuniculus* in France.

81-007404 Martinet, Lise. STÉRILITÉ CHEZ LA HASE (*LEPUS EUROPAEUS*) MISE EN ÉVIDENCE. [STERILITY OF DOE-HARES (*LEPUS EUROPAEUS*).] *Ann. Zootech. (Paris)* 29(4):421-426. 1980. In French with English summ. WR 183
[Dep. Physiol. Anim., I.N.R.A., 78350 Jouy-en-Josas, France]

81-007405 Okunev, L. P. and G. B. Zonov. ECOLOGICAL ADAPTATIONS OF MONGOLIAN PIKA (*OCHOTONA PALLASI* GRAY) TO LIFE IN MOUNTAIN-STEPPE TERRAIN. *Sov. J. Ecol. (Engl. Transl. Ékologiya)* 11(6):374-378. July 1981. Translated from Ékologiya No. 6. p. 61-66. Nov.-Dec. 1980. WR 183

81-007406 Pages, Marie-Véronique. MÉTHODES D'ÉTUDE DE LA RÉPARTITION SPATIALE DU LAPIN DE GARENNE DANS DEUX MILIEUX DIFFÉRENTS DU LANGUEDOC. [METHODS FOR STUDYING THE SPATIAL DISTRIBUTION OF THE WILD EUROPEAN RABBIT IN TWO DIFFERENT LANGUEDOC HABITATS.] *Bull. Mens. Off. Natl. Chasse No. Spec. Sci. Tech. (Paris)* p. 111-125. Dec. 1980. In French with German and English summ. WR 183
[Lab. Biogéogr. & Écol. Vertebr., École Pratique Hautes Études, U.S.T.L., Place Eugène-Bataillon, 34060 Montpellier Cedex, France] *Oryctolagus cuniculus* in France.

81-007407 Pages, Marie-Véronique. ESSAI DE RECONSTITUTION DE L'HISTOIRE DU LAPIN DE GARENNE EN EUROPE. [AN ATTEMPT TO RECONSITITUTE THE HISTORY OF THE WILD RABBIT IN EUROPE.] *Bull. Mens. Off. Natl. Chasse No. Spec. Sci. Tech. (Paris)* p. 13-21. Dec. 1980. In French with German and English summ. WR 183
[Lab. Biogéogr. & Écol. Vertebr., École Pratigue Hautes Études, U.S.T.L. Place Eugène-Bataillon, 34060 Montpellier-Cedex, France]

81-007408 Pils, Charles M.; Mark A. Martin and LeRoy R. Petersen. EXPERIMENTAL COTTONTAIL HABITAT MANAGEMENT ON THE BROOKLYN WILDLIFE AREA. *Wis. Dep. Nat. Resour. Res. Rep.* 108:1-18. June 1981. WR 183
[Wis. Dep. Nat. Resour., Madison] *Sylvilagus floridanus* in Wisconsin.

RABBITS AND PIKAS (CONTINUED)

81-007409 Rogers, P. M. ECOLOGY OF THE EUROPEAN WILD RABBIT *ORYCTOLAGUS CUNICULUS* (L.) IN MEDITERRANEAN HABITATS. II. DISTRIBUTION IN THE LANDSCAPE OF THE CAMARGUE, S. FRANCE. *J. Appl. Ecol.* 18(2):355-371. Aug. 1981. WR 183
[16 Randolph Crescent, Edinburgh EH3 7TT, Scotland]

81-007410 Salenave, J. F. BILAN DES ÉTUDES ET EXPÉRIMENTATIONS DE LA DIVISION «LOISIRS ET CHASSE» DU C.E.M.A.G.R.E.F. SUR LE LAPIN DE GARENNE. [SURVEY OF STUDIES AND EXPERIMENTS ON THE EUROPEAN WILD RABBIT CARRIED OUT BY THE C.E.M.A.G.R.E.F. «LOISIRS ET CHASSE» DEPARTMENT.] *Bull. Mens. Off. Natl. Chasse No. Spec. Sci. Tech. (Paris)* p. 183-212. Dec. 1980. In French and German with English summ. WR 183
[Groupment Tech. For., Domaine des Barres, 45290 Nogent-sur-Vernisson, France] *Orytolagus cuniculus* in France.

81-007411 Saurat, P.; J. Chantal; J. P. Ganiere; Y. Gilbert; D. Picavet and C. Lefort. LA RÉPONSE IMMUNITAIRE DANS LA MYXOMATOSE ÉTUDE DE LA RÉPONSE HUMORALE. [IMMUNOLOGICAL RESPONSE IN MYXOMATOSIS STUDY OF THE HUMORAL RESPONSE.] *Bull. Mens. Off. Natl. Chasse No. Spec. Sci. Tech. (Paris)* p. 297-309. Dec. 1980. In French with German and English summ. WR 183
[Serv. Maladies Contagieuses, Ecole Natl. Vét. Toulouse, 23 Chemin des Capelles, 31076 Toulouse Cedex, France] *Oryctolagus cuniculus.*

81-007412 Uresk, Daniel W. DIETS OF THE BLACK-TAILED HARE IN STEPPE VEGETATION. *J. Range Manage.* 31(6):439-442. Nov. 1978. WR 183
[Rocky Mountain For. & Range Exp. Stn., For. Res. Lab., S.D. School Mines, Rapid City 57701] *Lepus californicus* in Washington.

81-007413 Vasil'ev, G. I.; N. P. Elistratova and L. A. Lazareva. ECOLOGY OF THE FLEA *PARADOXOPSYLLUS SCORODUMOVI* PARASITIZING THE MONGOLIAN PIKA IN THE GORNO-ALTAI CENTER OF PLAGUE. *Sov. J. Ecol. (Engl. Transl. Ékologiya)* 10(1):76-78. Jan.-Feb. 1979. Translated from Ékologiya No. 1. p. 97-99. Jan.-Feb. 1979. WR 183
Ochotona pricei in USSR.

RODENTS--GENERAL

81-007414 Goodwin, John G., Jr. and C. Roger Hungerford. RODENT POPULATION DENSITIES AND FOOD HABITS IN ARIZONA PONDEROSA PINE FORESTS. *U.S. For. Ser. Res. Pap.* RM-214. 12p. 1979. From Ecol. Abstr. 1981/1:81L/0922. 1981. WR 183

81-007415 Gupta, N. K. and Kamna Dutt. ON THE MORPHOLOGY OF *SYPHACIA STROMA* MORGAN, 1932--A NEMATODE PARASITE OF RODENTS. *Res. Bull. Panjab Univ.* 30(1-4):65-70. June-Dec. 1979. WR 183
[Dep. Zool., Panjab Univ., Chandigarh, India] *Sciurus palmarum* and *R. rattus* in India.

81-007416 Knote, Charles E. PHYSICAL STOPPAGE OF RODENTS PART II. *Pest Control* 49(9):38-39, 41. Sept. 1981. WR 183
[Cape-Kem Lab., Cape Girardeau, MO]

RODENTS--GENERAL (CONTINUED)

81-007417 McGuire, Richard Wilson, Jr. RODENT MALARIA: A MODEL SYSTEM FOR STUDYING THE PARAMETERS OF A PARASITEMIA. *Ph.D. dissertation, Univ. Mo. (Columbia)* 35p. 1979. From Diss. Abstr. Int. B Sci. Eng. 42(1):101. July 1981. WR 183
"Abstract not available."

81-007418 Rao, A. M. K. Mohana. IMPACT OF CYCLONE ON THE RODENT POPULATION IN ANDHRA PRADESH. *J. Bombay Nat. Hist. Soc.* 77(3):502-503. Dec. 1980. WR 183
[Central Plant Protection Training Inst., Rajendranagar, Hyderabad-500 030, A.P., India]

81-007419 Redhead, T. D. and I. W. Saunders. EVALUATION OF THALLIUM SULPHATE BAITS AGAINST RATS IN QUEENSLAND (AUSTRALIA) SUGAR-CANE FIELDS ADJACENT TO DIFFERENT VEGETATION TYPES. *Prot. Ecol.* 2(1):1-20. 1980. From Ecol. Abstr. 1981/1:81L/1003. 1981. WR 183

81-007420 Sabilaev, A. S. [THE STRUCTURE OF VESICULA SEMINALIS AS A TAXONOMICAL CHARACTER IN SOME RODENTS.] *Zool. Zh.* 60(7):1115-1117. July 1981. In Russian with English summ. WR 183
[Karakalpak Anti-Plague Stn., Nukus, USSR]

81-007421 Sokolov, V. E.; L. N. Skurat and Zh. M. Nikiforova. [MORPHOLOGICAL CHARACTERISTICS OF HAIRS IN THE FAMILIES PTEROMYIDAE AND SCIURIDAE.] *Zool. Zh.* 60(7):1058-1069. July 1981. In Russian with English summ. WR 183
[Inst. Anim. Evol. Morphol. & Ecol., USSR Acad. Sci., Moscow, USSR] Data for 20 spp.

SCIURIDS

81-007422 Behrisch, Hans W. and W. A. Galster. REGULATION OF ENZYME ACTIVITY IN THE HIBERNATOR: EFFECT OF CATIONS ON LIVER PYRUVATE KINASE IN THE ARCTIC GROUND SQUIRREL. *J. Thermal Biol.* 6(1):31-34. Jan. 1981. WR 183
[Inst. Arctic Biol., Univ. Alaska, Fairbanks 99701] *Citellus undulatus* in Alaska.

81-007423 Blackmore, Mark S. and Robert S. Lishak. HOME RANGE SIZE AND FEEDING HABITS OF THE EASTERN CHIPMUNK. *J. Ala. Acad. Sci.* 52(3):101. July 1981. Abstract only. WR 183
[Dep. Zool.-Entomol., Auburn Univ., Auburn, AL 36849] *Tamias striatus.*

81-007424 Boag, D. A. and J. O. Murie. WEIGHT IN RELATION TO SEX, AGE, AND SEASON IN COLUMBIAN GROUND SQUIRRELS (SCIURIDAE: RODENTIA). *Can. J. Zool.* 59(6):999-1004. June 1981. In English with French summ. WR 183
[Dep. Zool., Univ. Alberta, Edmonton, Alberta, Canada T6G 2E9] *Spermophilus columbianus* in Canada.

81-007425 Cox, Steven Gene. POPULATION STRUCTURE AND DYNAMICS OF BELDING'S GROUND SQUIRREL, *SPERMOPHILUS BELDINGI BELDINGI* IN LITTLE VALLEY, NEVADA. *M.S. thesis, Univ. Nev. (Reno)* 115p. 1980. From Masters Abstr. 19(3):214. Sept. 1981. WR 183

SCIURIDS (CONTINUED)

81-007426 Davis, David E. and John Ludwing. MECHANISM FOR DECLINE IN A WOODCHUCK POPULATION. *J. Wildl. Manage.* 45(3):658-668. July 1981. WR 183
[777 Picacho Lane, Santa Barbara, CA 93108] *Marmota monax* in Pennsylvania.

81-007427 Dyatlov, A. I.; P. A. Petrov; P. D. Golubev and G. V. Trufanov. STRUCTURE OF THE GEOGRAPHIC RANGE OF THE MINOR SUSLIK (*CITELLUS PYGMAEUS* PALL., 1778) IN THE EL'BRUS AREA. *Sov. J. Ecol. (Engl. Transl. Ékologiya)* 11(5):316-321. Sept.-Oct. 1980. Translated from Ékologiya No. 5. p. 77-83. Sept.-Oct. 1980. WR 183

81-007428 Farentinos, R. C.; P. J. Capretta; R. E. Kepner and V. M. Littlefield. SELECTIVE HERBIVORY IN TASSEL-EARED SQUIRRELS: ROLE OF MONOTERPENES IN PONDEROSA PINES CHOSEN AS FEEDING TREES. *Science* 213(4513):1273-1275. 11 Sept. 1981. WR 183
[Dep. Zool., Ohio State Univ., Columbus 43210] *Sciurus aberti* in Colorado.

81-007429 Festa-Bianchet, M. REPRODUCTION IN YEARLING FEMALE COLUMBIAN GROUND SQUIRRELS (*SPERMOPHILUS COLUMBIANUS*). *Can. J. Zool.* 59(6):1032-1035. June 1981. In English with French summ. WR 183
[Dep. Zool., Univ. Alberta, Edmonton, Alberta, Canada T6G 2E9]

81-007430 Getty, Thomas. TERRITORIAL BEHAVIOR OF EASTERN CHIPMUNKS (*TAMIAS STRIATUS*): ENCOUNTER AVOIDANCE AND SPATIAL TIME-SHARING. *Ecology* 62(4):915-921. Aug. 1981. WR 183
[Div. Biol. Sci., Univ. Mich., Ann Arbor 48109]

81-007431 Ghose, R. K. and S. S. Saha. TAXONOMIC REVIEW OF HODGSON'S GIANT FLYING SQUIRREL, *PETAURISTA MAGNIFICUS* (HODGSON) [SCIURIDAE: RODENTIA], WITH DESCRIPTION OF A NEW SUBSPECIES FROM DARJEELING DISTRICT, WEST BENGAL, INDIA. *J. Bombay Nat. Hist. Soc.* 78(1):93-102. Apr. 1981. WR 183
[Zool. Surv. India, 8 Lindsay St., Calcutta-700 016, India] *Petaurista magnificus hodgsoni.*

81-007432 Ghosh, Santanu. OBSERVATION ON CARNIVOROUS HABIT OF AN IRRAWADDY SQUIRREL, *CALLOSCIURUS PYGERYTHRUS* (GEOFFROY). *J. Bombay Nat. Hist. Soc.* 77(2):316-317. Aug. 1980. WR 183
[Zool. Surv. India, 8 Lindsay St., Calcutta 700 016, India]

81-007433 Gorsh, L. V. INVESTIGATION OF INCORPORATION OF LABELED ^{3}H-LEUCINE INTO PROTEIN OF VARIOUS BRAIN SECTIONS IN HIBERNATING ANIMALS. *Dokl. Biol. Sci. (Engl. Transl. Dokl. Akad. Nauk SSSR)* 255(1-6):605-607. Nov.-Dec. 1980. Translated from Dokl. Akad. Nauk SSSR 255(6):1509-1512. Dec. 1980. WR 183
[Inst. Clinical & Exp. Med., Acad. Med. Sci. USSR, Siberian Branch, Novosibirsk, USSR] *Citellus* sp.

81-007434 Haley, Ross Douglas. ECOLOGY AND MANAGEMENT OF *SPERMOPHILUS ELEGANS NEVADENSIS* IN NORTH-CENTRAL NEVADA. *M.S. thesis, Univ. Nev. (Reno)* 168p. 1980. From Masters Abstr. 19(2):127. June 1981. WR 183

81-007435 Hall, Joseph G. A FIELD STUDY OF THE KAIBAB SQUIRREL IN GRAND CANYON NATIONAL PARK. *Wildl. Monogr.* No. 75. 54p. Jan. 1981. Available at $2.70 from Executive Director, The Wildlife Society, 5410 Grosvenor Lane,

SCIURIDS (CONTINUED)

81-007435 CONTINUED Bethesda, MD 20814. WR 183
[San Francisco State Univ., San Francisco, CA 94132] *Sciurus aberti kaibabensis* in Arizona.

81-007436 Hengst, Richard Arthur. THERMOREGULATORY RESPONSES TO AMBIENT, HYPOTHALAMIC AND SPINAL TEMPERATURES IN THE THIRTEEN-LINE GROUND SQUIRREL, *CITELLUS TRIDECIMLINEATUS*. *Ph.D. dissertation, Purdue Univ.* 284p. 1980. From Diss. Abstr. Int. B Sci. Eng. 42(1):84. July 1981. WR 183

81-007437 Hrabě, Vit and Jan Zejda. AGE DETERMINATION AND MEAN LENGTH OF LIFE IN *CITELLUS CITELLUS*. *Folia Zool. (Brno)* 30(2):117-123. 1981. In English with Russian summ. WR 183
[Inst. Vertebr. Zool., ČSAV, Květná 8, 603 65 Brno, Czechoslovakia]

81-007438 Hutchison, Elizabeth Wisk. THE UTILIZATION OF A TROPICAL SEED RESOURCE BY THE VARIEGATED SQUIRREL AND THE COTTON STAINER BUG. *M.S. thesis, Mich. State Univ.* 98p. 1980. From Masters Abstr. 19(2):199. June 1981. WR 183
Sciurus variegatoides.

81-007439 Johnson, Kristine. SOCIAL ORGANIZATION IN A COLONY OF ROCK SQUIRRELS (*SPERMOPHILUS VARIEGATUS*, SCURIDAE). *Southwest. Nat.* 26(3):237-242. 21 Aug. 1981. WR 183
[Dep. Biol., Univ. N. Mex., Albuquerque 87131]

81-007440 Lishak, Robert S. NESTLING GRAY SQUIRREL VOCALIZATIONS. *J. Ala. Acad. Sci.* 52(3):96. July 1981. Abstract only. WR 183
[Dep. Zool.-Entomol., Auburn Univ., Auburn, AL 36849] *Sciurus carolinensis.*

81-007441 Lishak, Robert S. NEOTENIC GRAY SQUIRREL VOCALIZATIONS. *J. Ala. Acad. Sci.* 52(3):100. July 1981. Abstract only. WR 183
[Dep. Zool.-Entomol., Auburn Univ., Auburn, AL 36849] *Sciurus carolinensis.*

81-007442 Magomedov, M.-R. D. [EFFECT OF POPULATION DENSITY UPON REPRODUCTION INTENSITY IN *CITELLUS PYGMAEUS* (RODENTIA, SCIURIDAE).] *Zool. Zh.* 60(7):1048-1057. July 1981. In Russian with English summ. WR 183
[Inst. Anim. Ecol., Morphol. & Ecol., USSR Acad Sci., Moscow, USSR]

81-007443 Mason, Linda Jean and Robert S. Lishak. SCENT MARKING BEHAVIOR IN THE GREY SQUIRREL. *J. Ala. Acad. Sci.* 52(3):114. July 1981. Abstract only. WR 183
[Dep. Zool.-Entomol., Auburn Univ., Auburn, AL 36849] *Sciurus carolinensis.*

81-007444 Melling, J. and K. M. W. Keough. MAJOR PHOSPHOLIPIDS OF THE LUNG AND LUNG LAVAGE FLUID FROM WARM AND COLD ACCLIMATED RICHARDSON'S GROUND SQUIRRELS (*SPERMOPHILUS RICHARDSONI*). *Comp. Biochem. Physiol. B Comp.*

SCIURIDS (CONTINUED)

81-007444 CONTINUED *Biochem.* 69(4):797-802. 1981. WR 183
[Dep. Biochem., Memorial Univ. Newfoundland, St. John's, Newfoundland, Canada A1B 3X9]

81-007445 Millar, James Christopher Gavin. ASPECTS OF THE ECOLOGY OF THE AMERICAN GREY SQUIRREL *SCIURUS CAROLINENSIS* GMELIN IN SOUTH AFRICA. *M.S. thesis, Univ. Stellenbosch* xv + 313p. Feb. 1980. WR 183
[Dep. Nat. & Environ. Conserv., Provincial Bldg., Dorp St., Private Bag X9086, Cape Town 8000, South Africa]

81-007446 Pauls, Ronald W. ENERGETICS OF THE RED SQUIRREL: A LABORATORY STUDY OF THE EFFECTS OF TEMPERATURE, SEASONAL ACCLIMATIZATION, USE OF THE NEST AND EXERCISE. *J. Thermal Biol.* 6(2):79-86. Apr. 1981. WR 183
[Dep. Anim. Sci., Univ. Alberta, Edmonton, Alberta T6G 2E3, Canada] *Tamiasciurus hudsonicus.*

81-007447 Phillips, John A. GROWTH AND ITS RELATIONSHIP TO THE INITIAL ANNUAL CYCLE OF THE GOLDEN-MANTLED GROUND SQUIRREL, *SPERMOPHILUS LATERALIS. Can. J. Zool.* 59(6):865-871. June 1981. In English with French summ. WR 183
[Dep. Zool.-Entomol., Colo. State Univ., Fort Collins 80523]

81-007448 Robinson, Scott R. ALARM COMMUNICATION IN BELDING'S GROUND SQUIRRELS. *Z. Tierpsychol.* 56(2):150-168. 1981. In English with German summ. WR 183
[325 SE Alexander, Corvallis, OR 97330] *Spermophilus beldingi* in Oregon.

81-007449 Salmon, Terrell P. and Rex E. Marsh. ARTIFICIAL ESTABLISHMENT OF A GROUND SQUIRREL COLONY. *J. Wildl. Manage.* 45(4):1016-1018. Oct. 1981. WR 183
[Extension Wildl., Univ. Calif., Davis 95616] *Spermophilus beecheyi* in California.

81-007450 Schwagmeyer, P. and C. H. Brown. CONSPECIFIC REACTION TO PLAYBACK OF THIRTEEN-LINED GROUND SQUIRREL VOCALIZATIONS. *Z. Tierpsychol.* 56(1):25-32. 1981. In English with German summ. WR 183
[Psychol. Dep., Univ. Okla., Norman 73019] *Spermophilus tridecemlineatus.*

81-007451 Sherman, Paul W. KINSHIP, DEMOGRAPHY, AND BELDING'S GROUND SQUIRREL NEPOTISM. *Behav. Ecol. Sociobiol.* 8(4):251-259. July 1981. WR 183
[Sect. Neurobiol. & Behav., Cornell Univ., Ithaca, NY 14850] *Spermophilus beldingi* in California.

81-007452 Smith, Christopher C. THE INDIVISIBLE NICHE OF *TAMIASCIURUS*: AN EXAMPLE OF NONPARTITIONING OF RESOURCES. *Ecol. Monogr.* 51(3):343-363. Sept. 1981. WR 183
[Div. Biol., Kans. State Univ., Manhattan 66506] *Tamiasciurus hudsonicus* and *T. douglasii* and hybrids.

SCIURIDS (CONTINUED)

81-007453 Snapp, Barbara D. and H. Craig Heller. SUPPRESSION OF METABOLISM DURING HIBERNATION IN GROUND SQUIRRELS (*CITELLUS LATERALIS*). *Physiol. Zool.* 54(3):297-307. July 1981. WR 183
[Dep. Biol. Sci., Stanford Univ., Stanford, CA 94305]

81-007454 Symons, R. D. OBSERVATIONS OF THE WOODCHUCK IN WEST-CENTRAL SASKATCHEWAN, 1932-1937. *Blue Jay* 39(3):186-188. Sept. 1981. WR 183
[C. Stuart Houston: 863 University Dr., Saskatoon, Saskatchewan S7N 0J8, Canada] *Marmota monax*.

81-007455 Trigo, Francisco J. and Marianna Riser. A SQUAMOUS CELL CARCINOMA IN A CALIFORNIA GROUND SQUIRREL *SPERMOPHILUS BEECHEYI*. *J. Dis.* 17(3):405-408. July 1981. WR 183
[Dep. Pathol., Coll. Vet. Med., Wash. State Univ., Pullman 99164]

81-007456 Vorontsov, N. N.; E. I. Zholnerovskaya and O. K. Baranov. [IMMUNOTAXONOMY OF SOUSLIKS OF PALAEARCTIC (*CITELLUS*, SCIURIDAE, RODENTIA). 2. SEROLOGICAL DIFFERENTIATION OF SOUSLIKS OF PALAEARCTIC AND SUBGENERIC DIVISION OF THE GENUS.] *Zool. Zh.* 60(7):1070-1077. July 1981. In Russian with English summ. WR 183
[Inst. Dev. Biol., USSR Acad. Sci., Moscow, USSR] Data for 12 spp.

81-007457 Walker, J. M.; E. H. Haskell; R. J. Berger and H. C. Heller. HIBERNATION AT MODERATE TEMPERATURES: A CONTINUATION OF SLOW WAVE SLEEP. *Experientia (Basel)* 37(7):726-728. 15 July 1981. WR 183
[Div. Nat. Sci., Univ. Calif., Santa Cruz 95064] *Citellus lateralis*.

81-007458 Ward, John M., Jr. and Kenneth B. Armitage. CIRCANNUAL RHYTHMS OF FOOD CONSUMPTION, BODY MASS, AND METABOLISM IN YELLOW-BELLIED MARMOTS. *Comp. Biochem. Physiol. A Comp. Physiol.* 69(4):621-626. 1981. WR 183
[Div. Biol. Sci., Univ. Kans., Lawrence 66045] *Marmota flaviventris*.

81-007459 Ward, John M., Jr. and Kenneth B. Armitage. WATER BUDGETS OF MONTANE-MESIC AND LOWLAND-XERIC POPULATIONS OF YELLOW-BELLIED MARMOTS. *Comp. Biochem. Physiol. A Comp. Physiol.* 69(4):627-630. 1981. WR 183
[Div. Biol. Sci., Univ. Kans., Lawrence 66045] *Marmota flaviventris*.

81-007460 Webb, D. R. MACRO-HABITAT PATCH STRUCTURE, ENVIRONMENTAL HARSHNESS, AND *MARMOTA FLAVIVENTRIS*. *Behav. Ecol. Sociobiol.* 8(3):175-182. June 1981. WR 183
[Dep. Zool., Wash. State Univ., Pullman 99164]

81-007461 Winston, Brent W. and Nancy E. Henderson. SEASONAL CHANGES IN MORPHOLOGY OF THE THYROID GLAND OF A HIBERNATOR, *SPERMOPHILUS RICHARDSONI*. *Can. J. Zool.* 59(6):1022-1031. June 1981. In English with French summ. WR 183
[Henderson: Dep. Biol., Univ. Calgary, Calgary, Alberta, Canada T2N 1N4]

81-007462 Zatzman, Marvin L. and Frank E. South. CIRCANNUAL RENAL FUNCTION AND PLASMA ELECTROLYTES OF THE MARMOT. *Am. J. Physiol.* 241(1):R87-R91. July 1981. WR 183
[Dep. Physiol., Univ. Mo. School Med., Columbia 65212] *Marmota flaviventris*.

SCIURIDS (CONTINUED)

81-007463 Zegers, David A. VERIFICATION OF CENSUSING TECHNIQUES FOR THE WYOMING GROUND SQUIRREL. *Acta Theriol.* 26(7):123-125. Mar. 1981. In English. WR 183
[Dep. Biol., Millersville State Coll., Millersville, PA 17551] *Spermophilus elegans* in Colorado.

81-007464 Zhu Shengkan and Luo Mingshu. [ON THE AGE DETERMINATION AND AGE STRUCTURE IN THE POPULATION OF THE SQUIRREL, *SCIURUS VULGARIS*, AT WUYING, LESSER KHING-AN MOUNTAINS.] *Acta Zool. Sin.* 25(3):268-276. 1979. From Ecol. Abstr. 1981/2:81L/2394. 1981. In Chinese with English summ. WR 183

81-007465 Zimina, R. P. THE BOBAC MARMOT IN THE RUSSIAN PLAIN. *Sov. Geogr. Rev. Transl.* 21(2):78-88. 1980. From Ecol. Abstr. 1981/1:81L/0966. 1981. Translated from Izv. Akad. Nauk SSSR Ser. Geogr. 5:45-53. 1978. WR 183
Marmota bobak.

BEAVER, MUSKRAT, AND NUTRIA

81-007466 Gosling, L. M. THE EFFECT OF COLD WEATHER ON SUCCESS IN TRAPPING FERAL COYPUS (*MYOCASTOR COYPUS*). *J. Appl. Ecol.* 18(2):467-470. Aug. 1981. WR 183
[Coypu Res. Lab., Minist. Agric., Fisheries & Food, Jupiter Rd., Norwich, Norfolk, England]

81-007467 Le Boulengé, Eric and Paule Y. Le Boulengé-Nguyen. ECOLOGICAL STUDY OF A MUSKRAT POPULATION. *Acta Theriol.* 26(4):47-82. Mar. 1981. In English with Polish summ. WR 183
[Lab. Ecol. Theor. & Biom., Place Croix du Sud 5, B-1348 Louvain-la-Neuve, Belgium] *Ondata zibethicus* in Belgium.

81-007468 Malcolm, Jay R. and Ronald J. Brooks. EYE LENS WEIGHT AND BODY SIZE AS CRITERIA OF AGE IN BEAVER (*CASTOR CANADENSIS*). *Can. J. Zool.* 59(6):1189-1192. June 1981. In English with French summ. WR 183
[Dep. Zool., Univ. Guelph, Guelph, Ontario, Canada N1G 2W1]

81-007469 Miller, Keith; L. Michael Philo; Cort Zachel; Craig Gardner and Charles B. Johnson. BODY TEMPERATURE IN RELATION TO HABITAT TEMPERATURE AND ACTIVITY IN FREE-RANGING BEAVER. *Proc. Alaska Sci. Conf. (Fairbanks)* 32:68-69. 1981. Abstract only. WR 183
[Inst. Arctic Biol., Univ. Alaska, Fairbanks 99701] *Castor canadensis* in Alaska.

81-007470 Payne, Neil F. ACCURACY OF AERIAL CENSUSING FOR BEAVER COLONIES IN NEWFOUNDLAND. *J. Wildl. Manage.* 45(4):1014-1016. Oct. 1981. WR 183
[Coll. Nat. Resour., Univ. Wis., Stevens Point 54481] *Castor canadensis*.

81-007471 Peterson, R. P. NUISANCE BEAVER BIOLOGY AND CONTROL IN NORTH-CENTRAL WISCONSIN. *M.S. thesis, Univ. Wis. (Stevens Point)* 56p. 1979. WR 183
Castor canadensis.--Courtesy/Neil F. Payne.

RATS AND MICE

81-007472 Adamovich, V. L. USE OF LANDSCAPE MAPS FOR SPATIAL DIFFERENTIATION OF INTRAPOPULATIONAL GROUPINGS OF MOUSELIKE RODENTS. *Sov. J. Ecol. (Engl. Transl. Ékologiya)* 11(5):293-299. Sept.-Oct. 1980. Translated from Ékologiya No. 5. p. 48-55. Sept.-Oct. 1980. WR 183

81-007473 Keller, Albert. DÉTERMINATION DES MAMIFÈRES DE LA SUISSE PAR LEUR PELAGE: IV. CRICETIDAE ET MURIDAE. [IDENTIFICATION OF HAIR OF SWISS MAMMALS. IV. CRICETIDAE AND MURIDAE.] *Rev. Suisse Zool.* 88(2):463-473. June 1981. WR 183
[Mus. Hist. Nat., C.P. 284, CH-1211 Geneva 6, Switzerland]

81-007474 Webster, Daniel G.; Myles H. Williams; Roger D. Owens; Vance B. Geiger and Donald A. Dewsbury. DIGGING BEHAVIOR IN 12 TAXA OF MUROID RODENTS. *Anim. Learn. Behav.* 9(2):173-177. May 1981. WR 183
[Univ. Fla., Gainesville 32611]

RATTUS AND MUS

81-007475 Barnett, S. A. and W. E. Hocking. FURTHER EXPERIMENTS ON THE SOCIAL INTERACTIONS OF DOMESTIC "NORWAY" RATS. *Aggressive Behav.* 7(3):259-263. 1981. WR 183
[Dep. Population Biol., Res. School Biol. Sci., Australian Natl. Univ., Canberra, ACT 2600, Australia] *Rattus norvegicus.*

81-007476 Berry, R. J., editor. BIOLOGY OF THE HOUSE MOUSE. THE PROCEEDINGS OF A SYMPOSIUM HELD AT THE ZOOLOGICAL SOCIETY OF LONDON ON 22 AND 23 NOVEMBER 1979. *Symp. Zool. Soc. Lond.* No. 47. xxx + 715p. 1981. WR 183
[Dep. Zool., Univ. Coll. London, London, England] With 28 papers on the morphology, karyology, life-cycle, ecology, behavior, immunology, control, variation and role as a reservoir and model of human disease for *Mus musculus.*

81-007477 Clark, B. R. and E. O. Price. SEXUAL MATURATION AND FECUNDITY OF WILD AND DOMESTIC NORWAY RATS (*RATTUS NORVEGICUS*). *J. Reprod. Fert.* 63(1):215-220. Sept. 1981. WR 183
[Bristol Hill Farms, Bristol Rd., East Chatham, NY 12060]

81-007478 Fitzgerald, B. M.; B. J. Karl and H. Moller. SPATIAL ORGANIZATION AND ECOLOGY OF A SPARSE POPULATION OF HOUSE MICE (*MUS MUSCULUS*) IN A NEW ZEALAND FOREST. *J. Anim. Ecol.* 50(2):489-518. June 1981. WR 183
[Ecol. Div., DSIR, Lower Hutt, New Zealand]

81-007479 Gupta, N. K. and Sneh Lata Singla. ON *HYMENOLEPIS DIMINUTA* (RUDOLPHI, 1819)--A TAPEWORM OF RAT IN DHURI (PUNJAB). *Res. Bull. Panjab Univ.* 30(1-4):83-86. June-Dec. 1979. WR 183
[Dep. Zool., Panjab Univ., Chandigarh, India] *Mus terricolor* in India.

RATTUS AND MUS (CONTINUED)

81-007480 Huson, L. W. and B. D. Rennison. SEASONAL VARIABILITY OF NORWAY RAT (*RATTUS NORVEGICUS*) INFESTATION OF AGRICULTURAL PREMISES. *J. Zool. (Lond.)* 194(2):257-260. June 1981. WR 183
[M.A.F.F., Agric. Sci. Serv., Tolworth Lab., Tolworth, Surrey, England]

81-007481 Hutchison, Victor H. and E. Starr Hazard. DIEL VARIATION OF ERYTHROCYTIC PHOSPHATES IN *MUS MUSCULUS* ACCLIMATED TO DIFFERENT PHOTOPERIOD REGIMES. *Comp. Biochem. Physiol. A Comp. Physiol.* 70(1):9-12. 1981. WR 183
[Dep. Zool., Univ. Okla., Norman 73019]

81-007482 Koeppl, J. W.; N. A. Slade and R. W. Turner. ALLOCHRONIC ASSOCIATIONS OF *RATTUS EXULANS*. *J. Mammal.* 62(3):557-567. 20 Aug. 1981. WR 183
[Mus. Nat. Hist., Univ. Kans., Lawrence 66045]

81-007483 Labov, Jay B. MALE SOCIAL STATUS, PHYSIOLOGY, AND ABILITY TO BLOCK PREGNANCIES IN FEMALE HOUSE MICE (*MUS MUSCULUS*). *Behav. Ecol. Sociobiol.* 8(4):287-291. July 1981. WR 183
[Dep. Biol., Colby Coll., Waterville, ME 04901]

81-007484 Lore, Richard K. and Kevin J. Flannelly. COMPARATIVE STUDIES OF WILD AND DOMESTIC RATS: SOME DIFFICULTIES IN ISOLATING THE EFFECTS OF GENOTYPE AND ENVIRONMENT. *Aggressive Behav.* 7(3):253-257. 1981. WR 183
[Dep. Psychol., Douglass Coll., Rutgers Univ., New Brunswick, NJ 08903] *Rattus norvegicus.*

81-007485 MacKenzie, W. F.; L. S. Magill and M. Hulse. A FILAMENTOUS BACTERIUM ASSOCIATED WITH RESPIRATORY DISEASE IN WILD RATS. *Vet. Pathol.* 18(6):836-839. Nov. 1981. WR 183
[Univ. Tex. Health Sci. Cent., Dep. Comp. Med., 6431 Fannin St., Houston 77025] *Rattus norvegicus.*

81-007486 Nikoletseas, Michael and Richard Lore. AGGRESSION IN DOMENTICATED RATS REARED IN A BURROW-DIGGING ENVIRONMENT. *Aggressive Behav.* 7(3):245-252. 1981. WR 183
[Lore: Dep. Psychol., Douglass Coll., Rutgers Univ., New Brunswick, NJ 08903] *Rattus norvegicus.*

81-007487 Odend'hal, S. UNUSUAL RAT FEEDING BEHAVIOUR ASSOCIATED WITH CATTLE AFFECTED WITH FOOT AND MOUTH DISEASE. *J. Bombay Nat. Hist. Soc.* 77(2):317-318. Aug. 1980. WR 183
[Coll. Vet. Med., Univ. Ga., Athens 30602] *R. rattus* in India.

81-007488 Pradhan, M. S. and M. Mithel. WHITE PATCH AND ITS GENETIC CONTROL IN SOME OF THE INDIAN RODENT SPECIES. *J. Bombay Nat. Hist. Soc.* 78(1):164-165. Apr. 1981. WR 183
[Zool. Surv. India, 933/A, Shivajinagar, Pune-411 016, India] *Rattus rattus rufescens.*

81-007489 Rana, B. D. and Ranjan Advani. FOOD COMPOSITION IN THE METAD, *RATTUS MELTADA PALLIDIOR* IN WESTERN RAJASTHAN. *Acta Theriol.* 26(7):129-132. Mar. 1981. In English. WR 183
[Central Arid Zone Res. Inst., Jodhpur-342003, India]

RATTUS AND MUS (CONTINUED)

81-007490 Rao, A. M. K. Mohana. REPRODUCTIVE BIOLOGY OF THE SPINY FIELD MOUSE, *MUS PLATYTHRIX*. *J. Bombay Nat. Hist. Soc.* 78(1):160-164. Apr. 1981. WR 183
[Central Plant Protection Training Inst., Rajendranagar, Hyderabad-500 030, (A.P.), India]

81-007491 Shilov, I. A. and D. A. Kamenov. DYNAMICS OF THE CONCENTRATION OF PROTEIN-BOUND AND FREE FORMS OF 11-HYDROXYCORTICOSTEROIDS IN THE BLOOD OF WILD HOUSE MICE DEPENDING ON THE BASIC PROPERTIES OF THE NERVOUS PROCESSES AT VARIOUS STAGES OF ESTABLISHMENT OF THE HIERARCHIC STRUCTURE OF MODEL POPULATIONS. *Sov. J. Ecol. (Engl. Transl. Ékologiya)* 11(5):309-316. Sept.-Oct. 1980. Translated from Ékologiya No. 5. p. 68-76. Sept.-Oct. 1980. WR 183
[M. V. Lomonosov Moscow State Univ., Moscow, USSR] *Mus musculus*.

81-007492 Tongson, Mario S. and Olivia D. Lasam. A STUDY ON THE PREVALENCE OF ECTOPARASITES OF HOUSE MOUSE (*MUS MUSCULUS*) IN DILIMAN, QUEZON CITY. *Philipp. J. Vet. Med.* 19(2):15-21. Dec. 1980. WR 183
[Univ. Philipines, Coll. Vet. Med., Manila, Philipines]

81-007493 Wöhrmann-Repenning, Angela. ZUR EMBRYONALEN UND FRÜHEN POSTNATALEN ENTWICKLUNG DES JACOBSONSCHEN ORGANS IN BEZIEHUNG ZUM DUCTUS NASOPALATINUS BEI DER RATTE. [THE EMBRYOLOGICAL AND EARLY POSTNATAL DEVELOPMENT OF JACOBSON'S ORGAN IN RELATION TO THE NASOPALATINE DUCT IN THE RAT.] *Zool. Anz.* 206(3/4):203-214. 1981. In German with English summ. WR 183
[Zool. & Vergleichende Anat., Univ. Kassel, Heinrich-Plett-Straße 40, D-3500 Kassel, West Germany]

81-007494 Yosida, Tosihide H. and Choji Taya. STUDIES ON INTERSPECIFIC HYBRIDIZATION IN THE RODENTS. III. ARTIFICIAL INSEMINATION BETWEEN *RATTUS NORVEGICUS*, *R. ANNANDALEI* AND *R. LOSEA*. *Proc. Jpn. Acad. Ser. B Phys. Biol. Sci.* 56(3):141-145. Mar. 1980. WR 183
[Natl. Inst. Genetics, Misima, Japan]

81-007495 Zweep, A. and G. A. van Oortmerssen. INDIFFERENCE OF t-ALLELES ON THE SAMPLING OF WILD HOUSE MOUSE POPULATIONS UNDER EXPERIMENTAL CONDITIONS. *Neth. J. Zool.* 31(2):373-380. June 1981. WR 183
[Biol. Cent., Univ. Groningen, Groningen, Netherlands] *Mus musculus*.

OTHER RODENTS

81-007496 Alder, Elizabeth M.; John Godfrey; Thomas E. McGill and Kenneth R. Watt. THE CONTRIBUTIONS OF GENOTYPE AND SEX TO VARIATION IN MATING BEHAVIOUR BETWEEN GEOGRAPHICAL SUBSPECIES OF THE BANK VOLE (*CLETHRIONOMYS GLAREOLUS* SCHREBER). *Anim. Behav.* 29(3):942-952. Aug. 1981. WR 183
[M.R.C. Unit Reproductive Biol., 37 Chalmers St., Edinburgh EH3 9EW, Scotland] *Clethrionomys glareolus britannicus*, *C. g. skomerensis* and hybrids.

OTHER RODENTS (CONTINUED)

81-007497 Andrews, Richard V. COMPARISON OF INCREMENTAL TEMPERATURE RESPONSES OF DEER MICE AND VOLES TO BEHAVIORAL ALARM STIMULI. *Comp. Biochem. Physiol. A Comp. Physiol.* 70(1):23-26. 1981. WR 183
[Dep. Physiol., Creighton Univ., Omaha, NE 68178] *Peromyscus maniculatus* and *Microtus montanus*.

81-007498 Anthony, Robert G.; Lawrence J. Niles and Jeffrey D. Spring. SMALL-MAMMAL ASSOCIATIONS IN FORESTED AND OLD-FIELD HABITATS--A QUANTITATIVE COMPARISON. *Ecology* 62(4):955-963. Aug. 1981. WR 183
[Oreg. Coop. Wildl. Res. Unit, Oreg. State Univ., Corvallis 97331] *Peromyscus leucopus* and *Microtus pennsylvanicus* in Pennsylvania.

81-007499 Baddouri, Khadija; Jeannine Marchetti; Mohamed Hilali and Joël Menard. MESURE DE L'HORMONE ANTIDIURÉTIQUE ET DE L'ACTIVITÉ RÉNINE PLASMATIQUE CHEZ LES RONGEURS DÉSERTIQUES (*JACULUS ORIENTALIS* ET *JACULUS DESERTI*). [MEASUREMENT OF PLASMA ANTIDIURETIC HORMONE AND RENIN ACTIVITY IN DESERT RATS (*JACULUS ORIENTALIS* AND *JACULUS DESERTI*).] *C.R. Hebd. Séances Acad. Sci. Sér. III* 292(21):1143-1146. 15 June 1981. In French with English summ. WR 183
[Dép. Biol., Fac. Sci., Univ. Mohammed-V, Rabat, Morocco]

81-007500 Batzli, George O.; Hans-Joachim G. Jung and Glenn Guntenspergen. NUTRITIONAL ECOLOGY OF MICROTINE RODENTS: LINEAR FORAGING-RATE CURVES FOR BROWN LEMMINGS. *Oikos* 37(1):112-116. July 1981. In English with Russian summ. WR 183
[Dep. Ecol., Univ. Ill., Urbana 61801] *Lemmus sibiricus*.

81-007501 Beacham, Terry D. SOME DEMOGRAPHIC ASPECTS OF DISPERSERS IN FLUCTUATING POPULATIONS OF THE VOLE *MICROTUS TOWNSENDII*. *Oikos* 36(3):273-280. Mar. 1981. In English with Russian summ. WR 183
[Dep. Fisheries & Oceans, Pacific Biol. Stn., Nanaimo, British Columbia, Canada V9R 5K6]

81-007502 Berg, Joseph A., Jr. CIRCADIAN RHYTHMS IN *PEROMYSCUS LEUCOPUS*. *Bios* 52(3):176-177. Sept. 1981. Abstract only. WR 183

81-007503 Berger, Patricia J.; Norman C. Negus; Edward H. Sanders and Pete D. Gardner. CHEMICAL TRIGGERING OF REPRODUCTION IN *MICROTUS MONTANUS*. *Science* 214(4516):69-70. 2 Oct. 1981. WR 183
[Dep. Biol., Univ. Utah, Salt Lake City 84112]

81-007504 Boström, Ulf and Lennart Hansson. SMALL RODENT COMMUNITIES ON MIRES: IMPLICATIONS FOR POPULATION PERFORMANCE IN OTHER HABITATS. *Oikos* 37(2):216-224. Sept. 1981. In English with Russian summ. WR 183
[Dep. Wildl. Ecol., Swedish Univ. Agric. Sci., S-750 07 Uppsala, Sweden] *Microtus agrestis* and *Clethrionomys glareolus* in Scandinavia.

81-007505 Casey, Timothy M. NEST INSULATION: ENERGY SAVINGS TO BROWN LEMMINGS USING A WINTER NEST. *Oecologia (Berl.)* 50(2):199-204. 11 Aug. 1981. WR 183

OTHER RODENTS (CONTINUED)

81-007505 CONTINUED
[Coordinated Dep. Physiol., Cook Coll., Rutgers Univ., New Brunswick, NJ 08903] *Lemmus trimucronatus* in Alaska.

81-007506 Castex, Ch. and B. Ch. J. Sutter. INSULIN BINDING AND GLUCOSE OXIDATION IN EDIBLE DORMOUSE (*GLIS GLIS*) ADIPOSE TISSUE: SEASONAL VARIATIONS. *Gen. Comp. Endocrinol.* 45(2):273-278. Oct. 1981. WR 183
[Lab. Physiol. Anim., Endocrinol., Univ. Bordeaux I, Ave. Facultés, 33405 Talence Cedex, France]

81-007507 Chernyavskii, F. B. and G. E. Korolenko. POPULATION DYNAMICS AND VARIABILITY OF SOME POPULATION INDICES OF THE NORTHERN RED-BACKED VOLE IN FAR NORTHEASTERN SIBERIA. *Sov. J. Ecol. (Engl. Transl. Ekologiya)* 10(1):60-67. Jan.-Feb. 1979. Translated from Ekologiya No. 1. p. 80-88. Jan.-Feb. 1979. WR 183
Clethrionomys rutilus in USSR.

81-007508 Collett, Stephen Frederick. POPULATION CHARACTERISTICS OF *AGOUTI PACA* (RODENTIA) IN COLOMBIA. *Ph.D. dissertation, Mich. State Univ.* 178p. 1981. From Diss. Abstr. Int. B Sci. Eng. 42(2):524. Aug. 1981. WR 183

81-007509 Czajka, Mary Rose. CHROMOSOME OBSERVATIONS DURING DEVELOPMENT IN *MESOCRICETUS AURATUS*. *Ph.D. dissertation, Albany Med. Coll. Union Univ.* 130p. 1981. From Diss. Abstr. Int. B Sci. Eng. 42(2):460. Aug. 1981. WR 183

81-007510 Danell, Kjell; Lars Ericson and Krister Jakobsson. A METHOD FOR DESCRIBING FORMER FLUCTUATIONS OF VOLES. *J. Wildl. Manage.* 45(4):1018-1021. Oct. 1981. WR 183
[Dep. Wildl. Ecol., Swedish Univ. Agric. Sci., S-901 83 Umeå, Sweden] *Microtus agrestis* and *Clethrionomys glareolus* in Sweden.

81-007511 Dipeolu, O. O.; O. A. Akinboade and A. Adetunji. TRANSMISSION OF *ANAPLASMA MARGINALE* FROM A NATURALLY-INFECTED WILD AFRICAN GIANT RAT (*CRICETOMYS GAMBIANUS*, WATERHOUSE) TO A CALF IN NIGERIA. *Vet. Parasitol.* 8(4):337-339. Sept. 1981. WR 183
[Dep. Vet. Microbiol. & Parasitol., Univ. Ibadan, Ibadan, Nigeria]

81-007512 Feist, Dale D. and Peter R. Morrison. SEASONAL CHANGES IN METABOLIC CAPACITY AND NOREPINEPHRINE THERMOGENESIS IN THE ALASKAN RED-BACKED VOLE: ENVIRONMENTAL CUES AND ANNUAL DIFFERENCES. *Comp. Biochem. Physiol. A Comp. Physiol.* 69(4):697-700. 1981. WR 183
[Inst. Arctic Biol., Univ. Alaska, Fairbanks 99701] *Clethrionomys rutilus dawsoni*.

81-007513 Feist, Dale D. EFFECTS OF COLD ON THE NUMBER AND AFFINITY OF β-ADRENERGIC RECEPTORS IN BROWN FAT OF ALASKAN RED-BACKED VOLES. *Proc. Alaska Sci. Conf. (Fairbanks)* 32:74. 1981. Abstract only. WR 183
[Inst. Arctic Biol., Univ. Alaska, Fairbanks 99701] *Clethrionomys rutilus*.

OTHER RODENTS (CONTINUED)

81-007514 Fleming, Alison S.; Phyllis Chee and Frank Vaccarino. SEXUAL BEHAVIOUR AND ITS OLFACTORY CONTROL IN THE DESERT WOODRAT (*NEOTOMA LEPIDA LEPIDA*). *Anim. Behav.* 29(3):727-745. Aug. 1981. WR 183
[Erindale Coll., Univ. Toronto, Mississauga, Ontario, Canada L5L 1C6]

81-007515 Foltz, David W. GENETIC MEASURES OF INBREEDING IN *PEROMYSCUS*. *J. Mammal.* 62(3):470-476. 20 Aug. 1981. WR 183
[Dep. Biol., Univ. Rochester, Rochester, NY 14627] *Peromyscus polionotus*.

81-007516 Foster, M. A. and J. Stubbendieck. EFFECTS OF THE PLAINS POCKET GOPHER (*GEOMYS BURSARIUS*) ON RANGELAND. *J. Range Manage.* 33(1):74-78. Jan. 1980. WR 183
[Univ. Nebr. Panhandle Stn., Scottsbluff 69361]

81-007517 Fulk, G. W.; A. C. Smiet and A. R. Khohkar. MOVEMENTS OF *BANDICOTA BENGALENSIS* AND *NESOKIA INDICA* IN RICE FIELDS IN SIND. *J. Bombay Nat. Hist. Soc.* 78(1):107-112. Apr. 1981. WR 183
[c/o New England Coll. Optometry, 424 Beacon St., Boston, MA 02115]

81-007518 Garsd, Armando and Walter E. Howard. A 19-YEAR STUDY OF MICROTINE POPULATION FLUCTUATIONS USING TIME-SERIES ANALYSIS. *Ecology* 62(4):930-937. Aug. 1981. WR 183
[Space Sci. Lab., Univ. Calif., Berkeley 94720] *Microtus californicus* in California.

81-007519 Gavish, L.; C. S. Carter and L. L. Getz. FURTHER EVIDENCES FOR MONOGAMY IN THE PRAIRIE VOLE. *Anim. Behav.* 29(3):955-957. Aug. 1981. WR 183
[Dep. Ecol., Ethol. & Evol., Univ. Ill., Urbana-Champaign 61801] *Microtus ochrogaster*.

81-007520 Getz, Lowell L.; C. Sue Carter and Leah Gavish. THE MATING SYSTEM OF THE PRAIRIE VOLE, *MICROTUS OCHROGASTER*: FIELD AND LABORATORY EVIDENCE FOR PAIR-BONDING. *Behav. Ecol. Sociobiol.* 8(3):189-194. June 1981. WR 183
[Dep. Ecol., Univ. Ill., Urbana 61801]

81-007521 Gileva, É. A.; I. E. Benenson, A. V. Pokrovskii and N. A. Lobanova. ANALYSIS OF THE ABERRANT SEX RATIO AND POSTNATAL MORTALITY IN PROGENY OF THE ARCTIC LEMMING *DICROSTONYX TORQUATUS*. *Sov. J. Ecol. (Engl. Transl. Ékologiya)* 11(6):361-367. July 1981. Translated from Ékologiya No. 6. p. 46-52. Nov.-Dec. 1980. WR 183
[Inst. Ecol. of Plants & Anim., Acad. Sci. USSR, Moscow, USSR]

81-007522 Gill, Ayesha E. MORPHOLOGICAL FEATURES AND REPRODUCTION OF *PEROGNATHUS* AND *PEROMYSCUS* ON NORTHERN ISLANDS IN THE GULF OF CALIFORNIA. *Am. Midl. Nat.* 106(1):192-196. July 1981. WR 183
[Dep. Biol., Univ. Nev., Reno 89557]

81-007523 Goode, Jane A.; M. Peaker and Barbara J. Weir. MILK COMPOSITION IN THE PLAINS VISCACHA (*LAGOSTOMUS MAXIMUS*). *J. Reprod. Fert.* 62(2):563-566. July 1981. WR 183
[A.R.C. Inst. Anim. Physiol., Cambridge CB2 4AT, England]

OTHER RODENTS (CONTINUED)

81-007524 Grimes, L. J.; R. B. Melnyk; J. M. Martin and N. Mrosovsky. INFRADIAN CYCLES IN GLUCOSE UTILIZATION AND LIPOGENIC ENZYME ACTIVITY IN DORMOUSE (*GLIS GLIS*) ADIPOCYTES. *Gen. Comp. Endocrinol.* 45(1):21-25. Sept. 1981. WR 183
[Martin: Res. Inst., Hospital for Sick Children, Toronto, Ontario M5G 1X8, Canada]

81-007525 Grulich, Ivo. DIE BAUE DES HAMSTERS (*CRICETUS CRICETUS*, RODENTIA, MAMMALIA). [BURROWS OF *CRICETUS CRICETUS* (RODENTIA, MAMMALIA).] *Folia Zool. (Brno)* 30(2):99-116. 1981. In German with Russian and English summ. WR 183
[Inst. Vertebr. Zool., ČSAV, Květná 8, 603 65 Brno, Czechoslovakia]

81-007526 Guthery, Fred S.; Terry E. Anderson and Valgene W. Lehmann. RANGE REHABILITATION ENHANCES COTTON RATS IN SOUTH TEXAS. *J. Range Manage.* 32(5):354-356. Sept. 1979. WR 183
[Dep. Range & Wildl. Manage., Tex. Tech Univ., Lubbock] *Sigmodon hispidus.*

81-007527 Hafner, David J.; Karen E. Petersen and Terry L. Yates. EVOLUTIONARY RELATIONSHIPS OF JUMPING MICE (GENUS *ZAPUS*) OF THE SOUTHWESTERN UNITED STATES. *J. Mammal.* 62(3):501-512. 20 Aug. 1981. WR 183
[Mus. Southwestern Biol., Dep. Biol., Univ. N. Mex., Albuquerque 87131] *Z. p. princeps, Z. hudsonius intermedius, Z. h. preblei* and *Z. h. luteus.*

81-007528 Healing, T. D. INFECTIONS WITH BLOOD PARASITES IN THE SMALL BRITISH RODENTS *APODEMUS SYLVATICUS, CLETHRIONOMYS GLAREOLUS* AND *MICROTUS AGRESTIS. Parasitology* 83(1):179-189. Aug. 1981. WR 183
[Dep. Microbiol., Univ. Reading, London Rd., Reading RG1 5AQ, England]

81-007529 Holleman, Dan F.; Robert G. White and Dale D. Feist. SEASONAL ENERGY AND WATER METABOLISM IN FREE-LIVING ALASKA VOLES. *Proc. Alaska Sci. Conf. (Fairbanks)* 32:69-70. 1981. Abstract only. WR 183
[Inst. Arctic Biol., Univ. Alaska, Fairbanks 99701] *Clethrionomys rutilus.*

81-007530 Hominick, W. M. and Amanda J. Aston. ASSOCIATION BETWEEN *PELODERA STRONGYLOIDES* (NEMATODA: RHABDITIDAE) AND WOOD MICE, *APODEMUS SYLVATICUS. Parasitology* 83(1):67-75. Aug. 1981. WR 183
[Dep. Zool. & Appl. Entomol., Imperial Coll. at Silwood Park, Ashurst Lodge, Ascot, Berkshire, England]

81-007531 Isaäcson, Margaretha; Lorraine Arntzen and Paul Taylor. SUSCEPTIBILITY OF MEMBERS OF THE *MASTOMYS NATALENSIS* SPECIES COMPLEX TO EXPERIMENTAL INFECTION WITH *YERSINIA PESTIS. J. Infectious Dis.* 144(1):80. July 1981. WR 183
[Dep. Tropical Pathol. & Epidemiol., South African Inst. Med. Res., P.O. Box 1038, Johannesburg 2000, South Africa] *M. coucha.*

81-007532 Iwuala, Moses O. E.; Ekanem Ikpi Braide and Nkonyelu Maduka. OBSERVATIONS ON THE FOOD HABITS OF SOME AFRICAN RODENTS. *Rev. Biol. Trop.* 28(2):227-236. Dec. 1980. WR 183

OTHER RODENTS (CONTINUED)

81-007532 CONTINUED
[Dep. Zool., Univ. Nigeria, Nsukka, Nigeria] *Cricetomys gambianus, Rattus rattus, Mastomys natalensis* and *Mus minutoides* in Nigeria.

81-007533 Jannett, Frederick J., Jr. SEX RATIOS IN HIGH-DENSITY POPULATIONS OF THE MONTANE VOLE, *MICROTUS MONTANUS*, AND THE BEHAVIOR OF TERRITORIAL MALES. *Behav. Ecol. Sociobiol.* 8(4):297-307. July 1981. WR 183
[Dep. Sociol., Cornell Univ., Ithaca, NY 14853]

81-007534 Jannett, Frederick J., Jr. SCENT MEDIATION OF INTRASPECIFIC, INTERSPECIFIC, AND INTERGENERIC AGONISTC BEHAVIOR AMONG SYMPATRIC SPECIES OF VOLES (MICROTINAE). *Behav. Ecol. Sociobiol.* 8(4):293-296. July 1981. WR 183
[Dep. Sociol., Cornell Univ., Ithaca, NY 14857] *Microtus montanus* and *Lagurus curtatus*.

81-007535 Jenkins, Stephen H. and Jeffrey B. Llewellyn. MULTIPLE CAPTURES OF *PEROMYSCUS*: AGE, SEX, AND SPECIES DIFFERENCES. *J. Mammal.* 62(3):639-641. 20 Aug. 1981. WR 183
[Dep. Biol., Univ. Nev., Reno 89557] *Peromyscus maniculatus* and *P. truei* in Nevada.

81-007536 Judd, Frank W. and Jose F. Lopez. INTRASPECIFIC VARIATION IN NEST-BUILDING BEHAVIOR OF THE WHITE-FOOTED MOUSE, *PEROMYSCUS LEUCOPUS*. *Southwest. Nat.* 25(3):438-441. 14 Nov. 1980. WR 183
[Dep. Biol., Pan American Univ., Edinburg, TX 78539]

81-007537 Kendall, Marion D. and G. I. Twigg. THE WEIGHT OF THE THYMUS GLAND IN A POPULATION OF WILD BANK VOLES, *CLETHRIONOMYS GLAREOLUS*, FROM WICKEN FEN, CAMBRIDGESHIRE. *J. Zool. (Lond.)* 194(3):323-339. July 1981. WR 183
[Dep. Anat., St. Thomas's Hospital Med. School, London SE1, England]

81-007538 Klei, Thomas R. and Wayne A. Crowell. PATHOLOGICAL CHANGES IN KIDNEYS, LIVERS AND SPLEENS OF *BRUGIA PAHANGI*-INFECTED JIRDS (*MERIONES UNGUICULATUS*). *J. Helminthol.* 55(2):127-131. June 1981. WR 183
[Dep. Vet. Microbiol., School Vet. Med., La. State Univ., Baton Rouge 70803]

81-007539 Konan, Amany. LA TECHNIQUE DE RÉCOLTE DES CROTTES COMME MÉTHODE D'ESTIMATION DES BIOMASSES D'AULACODE *THRYONOMYS SWINDERIANUS* TEMMICK (RONGEUR HYSTRIOCOMORPHE). [THE TECHNIQUE OF COLLECTING DUNG AS A METHOD FOR ESTIMATING THE BIOMASS OF CANE RAT (*THRYONOMYS SWINDERIANUS* TEMMICK) (HYSTRICOMORPH RODENT).] *Ann. Univ. Abidjan Ser. E Ecol.* 11:89-99. 1978. From Ecol. Abstr. 1981/1:81L/0924. 1981. In French with English summ. WR 183

81-007540 Kriz, Wilhelm; August Schiller and Roland Taugner. FREEZE-FRACTURE STUDIES ON THE THIN LIMBS OF HENLE'S LOOP IN *PSAMMOMYS OBESUS*. *Am. J. Anat.* 162(1):23-33. Sept. 1981. WR 183
[Dep. Anat., Univ. Heidelberg, D-6900 Heidelberg, West Germany]

OTHER RODENTS (CONTINUED)

81-007541 Kudo, Hiroshi and Yoshio Oki. FERMENTATION AND VFA PRODUCTION IN THE ESOPHAGEAL SAC OF *MACROTUS MONTEBELLI* FED DIFFERENT RATIONS. *Jpn. J. Vet. Sci.* 43(3):299-305. June 1981. In English with Japanese summ. WR 183
[Dep. Physiol. Chem., Nippon Vet. & Zootech. Coll., Musashino-shi, Tokyo 180, Japan]

81-007542 Kumari, S. and I. Prakash. BEHAVIOURAL RESPONSES OF *MERIONES HURRIANAE* (JERDON) TO CONSPECIFIC SEBUM OF VENTRAL SEBACEOUS GLAND. *Biol. Behav.* 6(3):255-263. 1981. In English with French summ. WR 183
[Cent. Rodent Res. & Training, Central Arid Zone Res. Inst., Jodhpur, India]

81-007543 Kumari, Saroj; P. E. Cowan and Ishwar Prakash. THE MID-VENTRAL GLAND OF THE INDIAN DESERT GERBIL. *Acta Theriol.* 26(6):97-106. Mar. 1981. In English with Polish summ. WR 183
[Coordinating & Monitoring Cent. Rodent Res. & Training, CAZRI, Jodhpur, India] *Meriones hurrianae* in India.

81-007544 Lacher, Thomas E., Jr. THE COMPARATIVE SOCIAL BEHAVIOR OF *KERODON RUPESTRIS* and *GALEA SPIXII* AND THE EVOLUTION OF BEHAVIOR IN THE CAVIIDAE. *Bull. Carnegie Mus. Nat. Hist.* No. 17. 71p. 1981. Available at $6.00 from Carnegie Mus. Nat. Hist., 4400 Forbes Ave., Pittsburgh, PA 15213. WR 183
[Dep. Biol. Sci., Univ. Pittsburgh, Pittsburgh, PA 15260]

81-007545 Langley, William. THE EFFECT OF PREY DEFENSES ON THE ATTACK BEHAVIOR OF THE SOUTHERN GRASSHOPPER MOUSE (*ONYCHOMYS TORRIDUS*). *Z. Tierpsychol.* 56(2):115-127. 1981. In English with German summ. WR 183
[Dep. Biol. Sci., Wichita State Univ., Wichita, KS]

81-007546 Lawhon, Debra K. and Mark S. Hafner. TACTILE DISCRIMINATORY ABILITY AND FORAGING STRATEGIES IN KANGAROO RATS AND POCKET MICE (RODENTIA: HETEROMYIDAE). *Oecologia (Berl.)* 50(3):303-309. Sept. 1981. WR 183
[Mus. Vertebr. Zool., Univ. Calif., Berkeley 94720] *Dipodomys panamitinus, D. merriami, Perognathus longimembris* and *P. formosus.*

81-007547 Luce, Dale G.; Ronald M. Case and J. Stubbendieck. FOOD HABITS OF THE PLAINS POCKET GOPHER ON WESTERN NEBRASKA RANGELAND. *J. Range Manage.* 33(2):129-131. Mar. 1980. WR 183
[Dep. For. Fisheries & Wildl., Univ. Nebr., Lincoln 68583] *Geomys bursarius.*

81-007548 Lynch, G. Robert; Harley W. Heath and Carolyn M. Johnston. EFFECT OF GEOGRAPHICAL ORIGIN ON THE PHOTOPERIODIC CONTROL OF REPRODUCTION IN THE WHITE-FOOTED MOUSE, *PEROMYSCUS LEUCOPUS. Biol. Reprod.* 25(3):475-480. Oct. 1981. WR 183
[Dep. Biol., Wesleyan Univ., Middletown, CT 06457]

81-007549 M'Closkey, Robert T. MICROHABITAT USE IN COEXISTING DESERT RODENTS - THE ROLE OF POPULATION DENSITY. *Oecologia (Berl.)* 50(3):310-315. Sept. 1981. WR 183

OTHER RODENTS (CONTINUED)

81-007549 CONTINUED
[Dep. Biol., Univ. Windsor, Windsor, Ontario, Canada N9B 3P4] *Dipodomys merriami, Perognathus amplus, P. baileyi,* and *P. penicillatus* in Arizona.

81-007550 Macdonald, D. W. DWINDLING RESOURCES AND THE SOCIAL BEHAVIOUR OF CAPYBARAS, (*HYDROCHOERUS HYDROCHAERIS*) (MAMMALIA). *J. Zool. (Lond.)* 194(3):371-391. July 1981. WR 183
[Anim. Behav. Res. Group, Dep. Zool., South Parks Rd., Oxford, England]

81-007551 Macfarlane, Joan D. and J. Mary Taylor. SEXUAL MATURATION IN FEMALE TOWNSEND'S VOLES. *Acta Theriol.* 26(7):113-117. Mar. 1981. In English. WR 183
[6392 Tooley St., San Diego, CA 92114] *Microtus t. townsendii* in Canada.

81-007552 Macmillan, Bruce Thomas. SOCIAL, DIETARY, HORMONAL, AND ADRENAL CORRELATES OF THE MATURATION OF FEMALE *PEROMYSCUS LEUCOPUS NOVEBORACENSIS. Ph.D. dissertation, State Univ. N.Y. (Binghamton)* 181p. 1981. From Diss. Abstr. Int. B Sci. Eng. 42(1):39. July 1981. WR 183

81-007553 Margolis, David J. and G. Robert Lynch. EFFECTS OF DAILY MELATONIN INJECTIONS ON FEMALE REPRODUCTION IN THE WHITE-FOOTED MOUSE, *PEROMYSCUS LEUCOPUS. Gen. Comp. Endocrinol.* 44(1):530-537. Aug. 1981. WR 183
[Dep. Biol., Wesleyan Univ., Middletown, CT 06457]

81-007554 Mazurkiewicz, Maria. SPATIAL ORGANIZATION OF A BANK VOLE POPULATION IN YEARS OF SMALL OR LARGE NUMBERS. *Acta Theriol.* 26(3):31-45. Mar. 1981. In English with Polish summ. WR 183
[Inst. Ecol., Polish Acad. Sci., Dziekanów Leśny, 05-150 Łomianki, Poland] *Clethrionomys glareolus* in Poland.

81-007555 Menkhorst, P. W. and J. H. Seebeck. THE DISTRIBUTION, HABITAT AND STATUS OF *PSEUDOMYS FUMEUS* BRAZENOR (RODENTIA: MURIDAE). *Aust. Wildl. Res.* 8(1):87-96. 1981. WR 183
[Fisheries & Wildl. Div., Arthur Rylah Inst. Environ. Res., 123 Brown St., Heidelberg, Victoria, Australia 3084]

81-007556 Mihok, Steve. CHITTY'S HYPOTHESIS AND BEHAVIOUR IN SUBARCTIC RED-BACKED VOLES *CLETHRIONOMYS GAPPERI. Oikos* 36(3):281-295. Mar. 1981. In English with Russian summ. WR 183
[Environ. Res. Branch, Whiteshell Nuclear Res. Establishment, Pinawa, Manitoba, Canada R0E 1L0]

81-007557 Millar, John S. and Les W. Gyug. INITIATION OF BREEDING BY NORTHERN *PEROMYSCUS* IN RELATION TO TEMPERATURE. *Can. J. Zool.* 59(6):1094-1098. June 1981. In English with French summ. WR 183
[Dep. Zool., Univ. Western Ontario, London, Ontario, Canada N6A 5B7] *Peromyscus leucopus noveboracensis, P. m. maniculatus* and *P. m. borealis* in Canada.

OTHER RODENTS (CONTINUED)

81-007558 Milligan, S. R. ANALYSIS OF THE LH SURGES INDUCED BY MATING AND LH-RH IN THE VOLE, *MICROTUS AGRESTIS*. *J. Reprod. Fert.* 63(1):39-45. Sept. 1981. WR 183
[Dep. Physiol., Univ. London King's Coll., Strand, London WC2R 2LS, England]

81-007559 Montgomery, W. I. and D. V. Bell. DISPERSION OF THE WOODMOUSE IN DECIDUOUS WOODLAND. *Acta Theriol.* 26(7):107-112. Mar. 1981. In English with Polish summ. WR 183
Apodemus sylvaticus in Ireland.

81-007560 Murphy, Michael R.; Paul D. MacLean and Sue C. Hamilton. SPECIES-TYPICAL BEHAVIOR OF HAMSTERS DEPRIVED FROM BIRTH TO THE NEOCORTEX. *Science* 213(4506):459-461. 24 July 1981. WR 183
[Lab. Brain Evol. & Behav., Natl. Inst. Mental Health, P.O. Box 289, Poolesville, MD 20837] *Mesocricetus auratus*.

81-007561 Musser, Guy G. and Linda K. Gordon. A NEW SPECIES OF *CRATERONYS* (MURIDAE) FROM THE PHILIPPINES. *J. Mammal.* 62(3):513-525. 20 Aug. 1981. WR 183
[Archbold Expeditions, Am. Mus. Nat. Hist., Central Park West at 79th St., New York, NY 10024] *Crateromys paulus*.

81-007562 Nadeev, I. V. and L. N. Erdakov. ECOLOGICAL PECULIARITIES OF THE ISOLATION MECHANISM OF FOREST VOLE POPULATIONS. *Sov. J. Ecol. (Engl. Transl. Ékologiya)* 11(1):56-61. Jan.-Feb. 1980. Translated from Ékologiya No. 1. p. 76-82. Jan.-Feb. 1980. WR 183
Clethrionomys glareolus and *C. rutilis*.

81-007563 Nikolaev, A. S.; N. V. Luzina and V. V. Panov. TWO TYPES OF MOBILITY OF MOUSE-LIKE RODENTS. *Sov. J. Ecol. (Engl. Transl. Ékologiya)* 12(1):61-65. Sept. 1981. Translated from Ékologiya 12(1):76-81. Jan.-Feb. 1981. WR 183
Data for 9 spp.

81-007564 Obrtel, Radoslav and Věra Holišová. THE TROPHIC NICHE OF *APODEMUS AGRARIUS* IN NORTHERN MORAVIA. *Folia Zool. (Brno)* 30(2):125-138. 1981. In English with Russian summ. WR 183
[Inst. Vertebr. Zool., ČSAV, Květná 8, 603 65 Brno, Czechoslovakia]

81-007565 Obrtel, Radoslav and Věra Holišová. MEAN INDIVIDUAL DIETARY DIVERSITY AND ITS VARIATION IN SELECTED SMALL RODENTS. *Folia Zool. (Brno)* 30(1):11-22. 1981. In English with Russian summ. WR 183
[Inst. Vertebr. Zool., Květná 8, 603 65 Brno, Czechoslovakia] *Apodemus flavicollis*, *A. sylvaticus* and *Clethrionomys glareolus*.

81-007566 Oparin, M. L. [THE SPATIAL STRUCTURE OF LOCAL POPULATION OF *MERIONES ERYTHROURUS* ON MILSKO-KARABACH PLAIN OF THE EAST ZAKAVKAZYE.] *Biol. Nauki (Mosc.)* 1981(8):34-39. 1981. In Russian. WR 183

OTHER RODENTS (CONTINUED)

81-007567 Patton, James L. and Margaret F. Smith. MOLECULAR EVOLUTION IN *THOMOMYS*: PHYLETIC SYSTEMATICS, PARAPHYLY, AND RATES OF EVOLUTION. *J. Mammal.* 62(3):493-500. 20 Aug. 1981. WR 183
[Mus. Vertebr. Zool., Univ. Calif., Berkeley 94720] Data for 6 spp.

81-007568 Patton, James L.; Steven W. Sherwood and Suh Y. Yang. BIOCHEMICAL SYSTEMATICS OF CHAETODIPINE POCKET MICE, GENUS *PEROGNATHUS*. *J. Mammal.* 62(3):477-492. 20 Aug. 1981. WR 183
[Mus. Vertebr. Zool., Univ. Calif., Berkeley 94720] Data for 13 spp.

81-007569 Perrin, M. R. SEASONAL CHANGES IN AGONISTIC BEHAVIOR OF *CLETHRIONOMYS GAPPERI* IN SOUTHEASTERN MANITOBA AND ITS POSSIBLE RELATION TO POPULATION REGULATION. *Am. Midl. Nat.* 106(1):102-110. July 1981. WR 183
[Dep. Zool. & Entomol., Rhodes Univ., P.O. Box 94, Grahamstown, 6140, South Africa]

81-007570 Peshev, Daniel. ON THE CARYOTYPES IN SOME POPULATIONS OF THE MOLE RAT (*SPALAX LEUCODON* NORDMANN) IN BULGARIA. *Zool. Anz.* 206(1/2):129-133. 1981. In English. WR 183
[Biol. Univ. Sofia, 8 Dragan Tsankov St., Sofia, Bulgaria]

81-007571 Petterborg, L. J.; B. A. Richardson and R. J. Reiter. EFFECT OF LONG OR SHORT PHOTOPERIOD ON PINEAL MELATONIN CONTENT IN THE WHITE-FOOTED MOUSE, *PEROMYSCUS LEUCOPUS*. *Life Sci.* 29(16):1623-1627. 19 Oct. 1981. WR 183
[Dep. Anat., Univ. Tex. Health Sci. Cent., 7703 Floyd Curl Dr., San Antonio 78284]

81-007572 Pizzimenti, John J. and Rob De Salle. FACTORS INFLUENCING THE DISTRIBUTIONAL ABUNDANCE OF TWO TROPHIC GUILDS OF PERUVIAN CRICETID RODENTS. *Biol. J. Linn. Soc.* 15(4):389-354. June 1981. WR 183
[Univ. Ill. Chicago Circle, Chicago 60680] Data for 13 spp.

81-007573 Porter, Richard H.; John D. Moore and David M. White. FOOD SHARING BY SIBLING vs NONSIBLING SPINY MICE (*ACOMYS CAHIRINUS*). *Behav. Ecol. Sociobiol.* 8(3):207-212. June 1981. WR 183
[John F. Kennedy Res. Cent., George Peabody Coll., Vanderbilt Univ., Nashville, TN 37203]

81-007574 Quay, W. B. UNUSUAL PINEAL SIZE AND MORPHOLOGY IN THE ORKNEY VOLE (*MICROTUS ARVALIS ORCADENSIS*). *J. Mammal.* 62(3):622-624. 20 Aug. 1981. WR 183
[Neuroendocrine Lab., Dep. Anat., Univ. Tex. Med. Branch, Galveston 77550]

81-007575 Ramli, J. B. and J. F. Wheldrake. PHENOL CONJUGATION IN THE DESERT HOPPING MOUSE, *NOTOMYS ALEXIS*. *Comp. Biochem. Physiol. C Comp. Pharmacol.* 69(2):379-381. 1981. WR 183
[School Biol. Sci., Flinders Univ., Bedford Park, South Australia 5042, Australia]

81-007576 Rana, B. D. OCCURRENCE OF *BANDICOTA BENGALENSIS* AND *VANDELEURIA OLERACEA* IN WESTERN RAJASTHAN. *J. Bombay Nat. Hist. Soc.* 77(3):501-502. Dec. 1980. WR 183
[Central Arid Zone Res. Inst., Jodhpur-342 003, India]

OTHER RODENTS (CONTINUED)

81-007577 Rau, Jaime; Roberto Muŕua and Mario Rosenmann. BIOENERGETICS AND FOOD PREFERENCES IN SYMPATRIC SOUTHERN CHILEAN RODENTS. *Oecologia (Berl.)* 50(2):205-209. 11 Aug. 1981. WR 183
[Dep. Mat. & Ciencias Nat., Univ. Chile, Sede Osorno, Casilla 933, Osorno, Chile] *Akodon olivaceus brachiotis* and *A. longipilus apta*.

81-007578 Rausch, R. L.; A. D'Alessandro and V. R. Rausch. CHARACTERISTICS OF THE LARVAL *ECHINOCOCCUS VOGELI* RAUSCH AND BERNSTEIN, 1972 IN THE NATURAL INTERMEDIATE HOST, THE PACA, *CUNICULUS PACA* L. (RODENTIA: DASYPROCTIDAE). *Am. J. Trop. Med. Hyg.* 30(5):1043-1052. Sept. 1981. WR 183
[Dep. Anim. Med., SB-42, Univ. Wash., Seattle 98195]

81-007579 Robbins, Lynn W. and Duane A. Schlitter. SYSTEMATIC STATUS OF DORMICE (RODENTIA: GLIRIDAE) FROM SOUTHERN CAMEROON, AFRICA. *Ann. Carnegie Mus.* 50(9):271-288. 8 July 1981. WR 183
[Dep. Biol. Sci., Tex. Tech Univ., Lubbock 79409] *Graphiurus crassicaudatus, G. hueti, G. christyi, G. lorraineus,* and *G. surdus*.

81-007580 Rock, Paul Bernard. EFFECT OF WATER DEPRIVATION ON BODY WEIGHT, BODY COMPOSITION AND REPRODUCTION IN TWO CRICETID RODENTS. *Ph.D. dissertation, Univ. Colo. (Boulder)* 186p. 1980. From Diss. Abstr. Int. B Sci. Eng. 42(1):102. July 1981. WR 183
Peromyscus maniculatus and *Microtus pennsylvanicus*.

81-007581 Shachak, M. and A. Yair. DESERT ANIMALS AND SOIL FLOW CHAIN. *Isr. J. Zool.* 29(4):200. 1980. Abstract only. WR 183
[Sede Boquer Coll., Negev, Israel] "porcupines".

81-007582 Singh, Charan and Rajinder Singh. OBSERVATIONS ON THE EPIDEMIOLOGY OF HAIRY-FOOTED GERBIL, *GERILLUS GLEADOWI* MURRAY, IN THE INDIAN DESERT. *J. Bombay Nat. Hist. Soc.* 77(3):498-500. Dec. 1980. WR 183
[Locust Sub-Station, Jodhpur, Rajasthan, India]

81-007583 Sokolov, V. E.; L. N. Skurat and N. Yu. Vasilieva. [SOME ASPECTS OF OLFACTORY BEHAVIOUR IN *CLETHRIONOMYS GLAREOLUS* AND *APODEMUS FLAVICOLLIS.*] *Zool. Zh.* 58(12):1864-1872. Dec. 1979. In Russian with English summ. WR 183
[Inst. Anim. Evol. Morphol. & Ecol., USSR Acad. Sci., Moscow, USSR]

81-007584 Sood, M. L. and R. P. S. Gill. BAIT SHYNESS AND POISON AVERSION IN *BANDICOTA BENGALENSIS* (GRAY) USING RH-787 AS RODENTICIDE. *J. Bombay Nat. Hist. Soc.* 77(2):319-320. Aug. 1980. WR 183
[Dep. Zool., Punjab Agric. Univ., Ludhiana, India]

81-007585 Springer, Scott D.; Patricia A. Gregory and Gary W. Barrett. IMPORTANCE OF SOCIAL GROUPING ON BIOENERGETICS OF THE GOLDEN MOUSE, *OCHROTOMYS NUTTALLI. J. Mammal.* 62(3):628-630. 20 Aug. 1981. WR 183
[Inst. Environ. Sci., Miami Univ., Oxford, OH 45056]

81-007586 Sullivan, Thomas P. and Druscilla S. Sullivan. RESPONSES OF A DEER MOUSE POPULATION TO A FOREST HERBICIDE APPLICATION: REPRODUCITON, GROWTH, AND SURVIVAL. *Can. J. Zool.* 59(6):1148-1154. June 1981. In

OTHER RODENTS (CONTINUED)

81-007586 CONTINUED English with French summ. WR 183
[Northwest Ecol. Anim. Res. Ltd., 23523 47th Ave., R.R. 7, Langley, British Columbia, Canada V3A 4R1] *Peromyscus maniculatus* in Canada.

81-007587 Taitt, Mary J.; J. H. W. Gipps; C. J. Krebs and Z. Dundjerski. THE EFFECT OF EXTRA FOOD AND COVER ON DECLINING POPULATIONS OF *MICROTUS TOWNSENDII*. *Can. J. Zool.* 59(8):1593-1599. Aug. 1981. In English with French summ. WR 183
[Inst. Anim. Resour. Ecol., Univ. British Columbia, Vancouver, British Columbia, Canada V6T 1W5]

81-007588 Van Horne, Beatrice. DEMOGRAPHY OF *PEROMYSCUS MANICULATUS* POPULATIONS IN SERAL STAGES OF COASTAL CONIFEROUS FOREST IN SOUTHEAST ALASKA. *Can. J. Zool.* 59(6):1045-1061. June 1981. In English with French summ. WR 183
[Dep. Biol., Univ. N. Mex., Albuquerque 87131]

81-007589 Vickery, W. L. HABITAT USE BY NORTHEASTERN FOREST RODENTS. *Am. Midl. Nat.* 106(1):111-118. July 1981. WR 183
[Dép. Sci. Biol., Univ. Québec, C.P. 8888, Succ. "A", Montréal, Québec, H3C 3P8, Canada] *Peromyscus maniculatus*, *Clethrionomys gapperi* and *Napaeozapus insignis* in Canada.

81-007590 Vogt, F. Daniel. SURVIVAL STRATEGIES IN THE WHITE-FOOTED MOUSE, *PEROMYSCUS LEUCOPUS*: WINTER ADAPTATION AND ENERGETICS. *Ph.D. dissertation, Wesleyan Univ.* 167p. 1981. From Diss. Abstr. Int. B Sci. Eng. 42(3):883. Sept. 1981. WR 183

81-007591 Volkov, V. I.; P. A. Chernykh; A. M. Dolgikh and T. V. Yakovleva. [ECTOPARSITES OF *APODEMUS AGRARIUS* IN THE AMUR RIVER TERRITORY.] *Zool. Zh.* 58(12):1811-1818. Dec. 1979. In Russian with English summ. WR 183

81-007592 Walton, J. Bernard and J. F. Andrews. TORPOR INDUCED BY FOOD DEPRIVATION IN THE WOOD MOUSE *APODEMUS SYLVATICUS*. *J. Zool. (Lond.)* 194(2):260-263. June 1981. WR 183
[Dep. Physiol., Trinity Coll., Dublin 2, Ireland]

81-007593 Webster, A. Bruce and Ronald J. Brooks. DAILY MOVEMENTS AND SHORT ACTIVITY PERIODS OF FREE-RANGING MEADOW VOLES *MICROTUS PENNSYLVANICUS*. *Oikos* 37(1):80-87. July 1981. In English with Russian summ. WR 183
[Dep. Zool., Univ. Guelph, Guelph, Ontario, Canada N1G 2W1]

81-007594 Whitlock, Suzanne A. and William L. Current. ENDOGENOUS STAGES OF *EIMERIA ROPERI* IN THE COTTON RAT. *J. Ala. Acad. Sci.* 52(3):114. July 1981. Abstract only. WR 183
[Dep. Zool.-Entomol., Auburn Univ., Auburn, AL 36849] *Sigmodon hispidus*.

81-007595 Willis, Donald W. CONTROLLING POCKET GOPHERS. *Pest Control* 49(9):18-19, 21, 23. Sept. 1981. WR 183
[Wilco Manufacturers & Distributors, Inc., Lompoc, CA] *Geomys* spp., *Thomomys* spp. and *Cratogeomys* spp.

OTHER RODENTS (CONTINUED)

81-007596 Yahav, S. and A. Haim. ACTIVITY AND THERMOREGULATION OF *APODEMUS MYSTACINUS* (MAMMALIA: RODENTIA) OF MOUNT CARMEL. *Isr. J. Zool.* 29(4):200. 1980. Abstract only. WR 183
[Univ. Haifa, Oranim, P.O. Qyriat Tiv'on, Israel]

81-007597 Yaskin, V. A. REACTION OF THE COMMON RED-BACKED VOLE TO WINTER CONDITIONS, DROUGHT, AND CHANGES IN POPULATION DENSITY. *Sov. J. Ecol. (Engl. Transl. Ékologiya)* 12(1):36-43. Sept. 1981. Translated from Ékologiya 12(1):46-54. Jan.-Feb. 1981. WR 183
Clethrionomys glareolus.

81-007598 Yates, Jon Arthur. FILARIAE OF THE CAPYBARA, *HYDROCHOERUS HYDROCHAERIS*, FROM COLOMBIA, SOUTH AMERICA. *Ph.D. dissertation, Tulane Univ.* 91p. 1981. From Diss. Abstr. Int. B Sci. Eng. 42(3):939. Sept. 1981. WR 183

81-007599 Zaleska-Freljan, K. I. and L. Chomicka. THE INFLUENCE OF THE POTASSIUM IONS ON THE ADRENAL CORTEX SECRETORY ACTIVITY IN THE COMMON VOLE (*MICROTUS ARVALIS* PALL.). *Comp. Biochem. Physiol. A Comp. Physiol.* 70(1):161-163. 1981. WR 183
[Inst. Zool., Univ. Warsaw, 02-089 Warsaw, Poland]

81-007600 Zhang Jie and Zhong Wenqin. [INVESTIGATIONS OF REPRODUCTION IN POPULATIONS OF BRANDT'S VOLES.] *Acta Zool. Sin.* 25(3):249-259. 1979. From Ecol. Abstr. 1981/2:81L/2403. 1981. In Chinese with English summ. WR 183
Microtus brandti in China.

81-007601 Zima, Jan; Jaroslav Červený; Vít Hrabě; Bohumil Král and Miroslav Šebela. ON THE OCCURRENCE OF *MICROTUS EPIROTICUS* IN RUMANIA (ARVICOLIDAE, RODENTIA). *Folia Zool. (Brno)* 30(2):139-146. 1981. In English with Russian summ. WR 183
[Inst. Vertebr. Zool., ČSAV, Květná 8, 603 65 Brno, Czechoslovakia]

CARNIVORES--GENERAL

81-007602 Radinsky, Leonard B. EVOLUTION OF SKULL SHAPE IN CARNIVORES 1. REPRESENTATIVE MODERN CARNIVORES. *Biol. J. Linn. Soc.* 15(4):369-388. June 1981. WR 183
[Anat. Dep., Univ. Chicago, Chicago, IL 60637]

81-007603 Root, D. A. PRODUCTIVITY AND MORTALITY OF GRAY FOXES AND RACCOONS IN SOUTHWESTERN WISCONSIN. *M.S. thesis, Univ. Wis. (Stevens Point)* 106p. 1981. WR 183
Urocyon cinereoargenteus and *Procyon lotor*.--Courtesy/Neil F. Payne.

CANIDS

81-007604 Althoff, Donald P. and Philip S. Gipson. COYOTE FAMILY SPATIAL RELATIONSHIPS WITH REFERENCE TO POULTRY LOSSES. *J. Wildl. Manage.* 45(3):641-649. July 1981. WR 183
[Land & Water Res. Bldg., Pa. State Univ., University Park 16802] *Canis latrans* in Nebraska.

81-007605 Andelt, William F. and Susan Holdren Andelt. HABITAT USE BY COYOTES IN SOUTHEASTERN NEBRASKA. *J. Wildl. Manage.* 45(4):1001-1005. Oct. 1981. WR 183
[RFD 2, Box 39, Crete, NE 68333] *Canis latrans.*

81-007606 Andelt, William F. and Philip S. Gipson. TOE-CLIPPING COYOTES: A REPLY. *J. Wildl. Manage.* 45(4):1007-1009. Oct. 1981. WR 183
[RFD 2, Box 39, Crete, NE 68333] *Canis latrans.*

81-007607 Bögel, K.; H. Moegle; F. Steck; W. Krocza and L. Andral. ASSESSMENT OF FOX CONTROL IN AREAS OF WILDLIFE RABIES. *Bull. W.H.O.* 59(2):269-279. 1981. In English with French summ. WR 183
[Vet. Public Health, World Health Organization, 1211 Geneva 27, Switzerland] *Vulpes vulpes.*

81-007608 Bacon, P. J. THE CONSEQUENCES OF UNREPORTED FOX RABIES. *J. Environ. Manage.* 13(2):195-200. Sept. 1981. WR 183
[Inst. Terrestrial Ecol., Merlewood Res. Stn., Grange-over-Sands, Cumbria LA11 6JU, Great Britain] *Vulpes vulpes* in Europe.

81-007609 Barnett, Bruce D.; James A. Cohen; A. J. T. Johnsingh and Michael W. Fox. FOOD HABITS OF THE INDIAN WILD DOG (*CUON ALPINUS*): A PRELIMINARY ANALYSIS. *J. Bombay Nat. Hist. Soc.* 77(2):313-316. Aug. 1980. WR 183
[World Federation for the Protection of Animals, Zurich, Switzerland]

81-007610 Bekoff, Marc and Michael C. Wells. BEHAVIOURAL BUDGETING BY WILD COYOTES: THE INFLUENCE OF FOOD RESOURCES AND SOCIAL ORGANIZATION. *Anim. Behav.* 29(3):794-801. Aug. 1981. WR 183
[DEPOB, Univ. Colo., Boulder 80309] *Canis latrans* in Wyoming.

81-007611 Bekoff, Marc; Judy Diamond and Jeffry B. Mitton. LIFE-HISTORY PATTERNS AND SOCIALITY IN CANIDS: BODY SIZE, REPRODUCTION, AND BEHAVIOR. *Oecologia (Berl.)* 50(3):386-390. Sept. 1981. WR 183
[DEPOB, Univ. Colo., Boulder 80309] Data for 17 spp.

81-007612 Bekoff, Marc; Marlene Tyrrell; Valerie E. Lipetz and Robert Jamieson. FIGHTING PATTERNS IN YOUNG COYOTES: INITIATION, ESCALATION, AND ASSESSMENT. *Aggressive Behav.* 7(3):225-244. 1981. WR 183
[DEPOB, Univ. Colo., Campus Box 334, Boulder 80309] *Canis latrans.*

81-007613 Brady, Charles A. THE VOCAL REPERTOIRES OF THE BUSH DOG (*SPEOTHOS VENATICUS*), CRAB-EATING FOX (*CERDOCYON THOUS*), AND MANED WOLF (*CHRYSOCYON BRACHYURUS*). *Anim. Behav.* 29(3):649-669. Aug. 1981.

CANIDS (CONTINUED)

81-007613 CONTINUED WR 183
[Memphis Zoo & Aquarium, Overton Park, Memphis, TN 38112]

81-007614 Buchalczyk, Tadeusz; Janusz Dynowski and Stanisław Szteyn. VARIATIONS IN NUMBER OF TEETH AND ASYMMETRY OF THE SKULL IN THE WOLF. *Acta Theriol.* 26(2):23-30. Mar. 1981. In English with Polish summ. WR 183
[Mammals Res. Inst., 17-230 Białowieza, Poland] *Canis lupus* in Poland.

81-007615 Colinvaux, P. A. and B. D. Barnett. LINDEMAN AND THE ECOLOGICAL EFFICIENCY OF WOLVES. *Am. Nat.* 114(5):707-718. Nov. 1979. WR 183
[Dep. Zool., Ohio State Univ., Columbus 43210] *Canis lupus.*

81-007616 Custer, Jay W. and Danny B. Pence. ECOLOGICAL ANALYSES OF HELMINTH POPULATIONS OF WILD CANIDS FROM THE GULF COASTAL PRAIRIES OF TEXAS AND LOUISIANA. *J. Parasitol.* 67(3):289-307. June 1981. WR 183
[Dep. Range & Wildl. Manage., Tex. Tech Univ., Lubbock 79409] *Canis rufus* and *C. latrans.*

81-007617 Dorrance, Michael J. and John Bourne. AN EVALUATION OF ANTI-COYOTE ELECTRIC FENCING. *J. Range Manage.* 33(5):385-387. Sept. 1980. WR 183
[Alberta Agric. Plant Ind. Lab., 6909-116 St., Edmonton, Alberta, Canada T6H 4P2] *Canis latrans* in Canada.

81-007618 Dyer, William G. and Willard D. Klimstra. A SURVEY OF GREY FOXES (*UROCYON CINEREOARGENTEUS*) FOR *ECHINOCOCCUS MULTILOCULARIS* IN SOUTHERN ILLINOIS. *Trans. Ill. State Acad. Sci.* 73(1):72-74. 1980. WR 183
[Dep. Zool., Southern Ill. Univ., Carbondale 62901]

81-007619 Eaton, Randall L. THE ETHOLOGY, PROPAGATION AND HUSBANDRY OF THE BROWN HYENA (*HYAENA BRUNNEA*). *Zool. Gart.* 51(2):123-149. 1981. In English. WR 183
[Editor Carnivore, P.O. Box 384, Petersburg, IL 62675]

81-007620 Ferguson, J. W. H. JACKAL--FRIEND OR FOE? *Fauna Flora* 38:14-15. Oct.-Dec. 1980. WR 183
Octocyon megalotis, Vulpes chama, Canis mesomelas, C. adustus and *Proteles cristatus* in South Africa.

81-007621 Floyd, Barry L. and Mark R. Stromberg. NEW RECORDS OF THE SWIFT FOX (*VULPES VELOX*) IN WYOMING. *J. Mammal.* 62(3):650-651. 20 Aug. 1981. WR 183
[Wyo. Game & Fish Dep., 1419 E. Pershing Blvd., Cheyenne 82001]

81-007622 Fritts, Steven H. and L. David Mech. DYNAMICS, MOVEMENTS, AND FEEDING ECOLOGY OF A NEWLY PROTECTED WOLF POPULATION IN NORTHWESTERN MINNESOTA. *Wildl. Monogr.* No. 80. 79p. Oct. 1981. Availble at $3.00 from Executive Director, The Wildlife Society, 5420 Grosvenor Lane, Bethesda, MD 20814. WR 183
[Bell Mus. Nat. Hist., Dep. Ecol. & Behav. Biol., Univ. Minn., Minneapolis 55455] *Canis lupus.*

CANIDS (CONTINUED)

81-007623 Green, Jeffrey S. and Jerran T. Flinders. DIAMETER AND pH COMPARISONS OF COYOTE AND RED FOX SCATS. *J. Wildl. Manage.* 45(3):765-767. July 1981. WR 183
[USDA, SEA-AR, U.S. Sheep Exp. Stn., Dubois, ID 83423] *Canis latrans* and *Vulpes vulpes* in Idaho.

81-007624 Harris, Stephen. AN ESTIMATION OF THE NUMBER OF FOXES (*VULPES VULPES*) IN THE CITY OF BRISTOL, AND SOME POSSIBLE FACTORS AFFECTING THEIR DISTRIBUTION. *J. Appl. Ecol.* 18(2):455-465. Aug. 1981. WR 183
[Dep. Zool., Univ. Bristol, Woodland Rd., Bristol BS8 1UG, England]

81-007625 Henshaw, Robert E. TOE-CLIPPING COYOTES FOR INDIVIDUAL IDENTIFICATION: A CRITIQUE. *J. Wildl. Manage.* 45(4):1005-1007. Oct. 1981. WR 183
[Bur. Energy, N.Y. State Dep. Environ. Conserv., 50 Wolf Road, Albany 12233] *Canis latrans.*

81-007626 Holleman, D. F. and R. O. Stephenson. PREY SELECTION AND CONSUMPTION BY ALASKAN WOLVES IN WINTER. *J. Wildl. Manage.* 45(3):620-628. July 1981. WR 183
[Inst. Arctic Biol., Univ. Alaska, Fairbanks 99701] *Canis lupus pambasileus* in Alaska.

81-007627 Laundré, John W. TEMPORAL VARIATION IN COYOTE VOCALIZATION RATES. *J. Wildl. Manage.* 45(3):767-769. July 1981. WR 183
[Dep. Biol.-Earth/Space Sci., Southwest State Univ., Marshall, MN 56258] *Canis latrans* in Idaho.

81-007628 MacCracken, James G. COYOTE FOODS IN SOUTHWESTERN COLORADO. *Southwest. Nat.* 26(3):317-318. 21 Aug. 1981. WR 183
[Dep. Range Sci., Colo. State Univ., Fort Collins 80523] *Canis latrans.*

81-007629 Messier, François. COMPORTEMENT SOCIAL CHEZ LE COYOTE, *CANIS LATRANS.* [SOCIAL BEHAVIOR OF THE COYOTE *CANIS LATRANS.*] *Carnets Zool.* 41(1):8-13. 1981. In French. WR 183
[Dep. Anim. Sci., Univ. British Columbia, Vancouver, British Columbia, Canada V6T 1W5] Review paper.

81-007630 Morrison, Edward Eugene. GROSS AND MICROSCOPIC ANATOMY OF THE RESPIRATORY SYSTEM IN THE COYOTE (*CANIS LATRANS*). *Ph.D. dissertation, Kans. State Univ.* 84p. 1980. From Diss. Abstr. Int. B Sci. Eng. 42(2):461. Aug. 1981. WR 183

81-007631 Page, R. J. C. DISPERSAL AND POPULATION DENSITY OF THE FOX (*VULPES VULPES*) IN AN AREA OF LONDON. *J. Zool. (Lond.)* 194(4):485-491. Aug. 1981. WR 183
[MAFF, Agric. Sci. Serv., Worplesdon Lab., Tangley Place, Worplesdon, Guildford, Surrey, England]

81-007632 Peterson, Eric K.; Marc A. Letellier; Jonathan A. Parsons; Edward D. Poltka; L. David Mech and Ulysses S. Seal. OLFACTORY PEDUNCULOTOMY INDUCED ANOSMIA IN THE WOLF (*CANIS LUPUS*). *Physiol. Behav.*

CANIDS (CONTINUED)

81-007632 CONTINUED 27(3):543-546. Sept. 1981. WR 183
[Dep. Anat., Univ. Minn., 4-135 Jackson Hall, 321 Church St. S.E., Minneapolis 55455]

81-007633 Phillips, M. K. and F. G. Hubert, Jr. WINTER FOOD HABITS OF COYOTES IN SOUTHEASTERN ILLINOIS. *Trans. Ill. State Acad. Sci.* 73(1):80-85. 1980. WR 183
[P.O. Box 971, Champaign, IL 61820] *Canis latrans.*

81-007634 Ritter, Donald G. RABIESVIRUS ASSAY OF ALASKAN CANIDS. *Proc. Alaska Sci. Conf. (Fairbanks)* 32:22-23. 1981. Abstract only. WR 183
[Alaska Div. Public Health, Univ. Alaska Campus, Fairbanks 99701] *Alopex lagopus.*

81-007635 Robel, Robert J.; Arthur D. Dayton; F. Robert Henderson; Robert L. Meduna and Clifford W. Spaeth. RELATIONSHIPS BETWEEN HUSBANDRY METHODS AND SHEEP LOSSES TO CANINE PREDATORS. *J. Wildl. Manage.* 45(4):894-911. Oct. 1981. WR 183
[Div. Biol., Kans. State Univ., Manhattan 66506] *Canis latrans* in Kansas.

81-007636 Rowe-Rowe, D. T. and B. Green. STEEL-JAWED TRAPS FOR LIVE CAPTURE OF BLACK-BACKED JACKALS. *S. Afr. J. Wildl. Res.* 11(2):63-65. 1981. In English. WR 183
[Natal Parks Board, P.O. Box 662, Pietermaritzburg, 3200 South Africa] *Canis mesomelas.*

81-007637 Samuel, W. M. ATTEMPTED EXPERIMENTAL TRANSFER OF SARCOPTIC MANGE (*SARCOPTES SCABIEI*, ACARINA: SARCOPTIDAE) AMONG RED FOX, COYOTE, WOLF AND DOG. *J. Wildl. Dis.* 17(3):343-347. July 1981. WR 183
[Dep. Zool., Univ. Alberta, Edmonton, Alberta, Canada T6G 2E9] *Vulpes vulpes, Canis latrans, C. lupus* and *C. familiaris.*

81-007638 Sargeant, Alan B.; Stephen H. Allen and Douglas H. Johnson. DETERMINATION OF AGE AND WHELPING DATES OF LIVE RED FOX PUPS. *J. Wildl. Manage.* 45(3):760-765. July 1971. WR 183
[Northern Prairie Wildl. Res. Cent., Jamestown, ND 58401] *Vulpes vulpes* in North Dakota.

81-007639 Schaefer, Joseph M.; Ronald D. Andrews and James J. Dinsmore. AN ASSESSMENT OF COYOTE AND DOG PREDATION ON SHEEP IN SOUTHERN IOWA. *J. Wildl. Manage.* 45(4):883-893. Oct. 1981. WR 183
[Dep. Anim. Ecol., Iowa State Univ., Ames 50011] *Canis latrans.*

81-007640 Schantz, Torbjörn von. FEMALE COOPERATION, MALE COMPETITION, AND DISPERSAL IN THE RED FOX *VULPES VULPES*. *Oikos* 37(1):63-68. July 1981. In English with Russian summ. WR 183
[Dep. Anim. Ecol., Univ. Lund, Ecol. Bldg., S-223 62 Lund, Sweden]

81-007641 Schneider, Bill. THE RETURN OF THE WOLF. *Natl. Parks* 55(7-8):7-13. July/Aug. 1981. WR 183
Canis lupus in Yellowstone Natl. Park.

CANIDS (CONTINUED)

81-007642 Smith, Gregory J.; John R. Cary and Orrin J. Rongstad. SAMPLING STRATEGIES FOR RADIO-TRACKING COYOTES. *Wildl. Soc. Bull.* 9(2):88-93. 1981. WR 183
[Dep. Wildl. Ecol., Univ. Wis., Madison 53706] *Canis latrans* in Wisconsin.

81-007643 Sowards, Renee Kilcoyne. OBSERVATIONS ON BREEDING AND REARING THE FENNEC FOX (*FENNECUS ZERDA*) IN CAPTIVITY. *Anim. Keeper's Forum* 8(7):175-177. July 1981. WR 183
[Phoenix Zoo, Phoenix, AZ]

81-007644 Thompson, Bruce C. EVALUATION OF WIRE FENCES FOR COYOTE CONTROL. *J. Range Manage.* 32(6):457-461. Nov. 1979. WR 183
[Dep. Wildl. & Fisheries Sci., Tex. A&M Univ., College Station 77843] *Canis latrans.*

81-007645 Todd, Arlen W.; Lloyd B. Keith and Charles A. Fischer. POPULATION ECOLOGY OF COYOTES DURING A FLUCTUATION OF SNOWSHOE HARES. *J. Wildl. Manage.* 45(3):629-640. July 1981. WR 183
[Dep. Energy & Nat. Resour., Edmonton, Alberta, Canada T5K 2C9] *Canis latrans* in Canada.

81-007646 Van Heerden, J. and V. de Vos. IMMOBILIZATION OF THE HUNTING DOG *LYCAON PICTUS* WITH KETAMINE HYDROCHLORIDE AND A FENTANYL/DROPERIDOL COMBINATION. *S. Afr. J. Wildl. Res.* 11(3):112-113. 1981. In English. WR 183
[Univ. Pretoria, Pretoria 0002, South Africa]

81-007647 Van Heerden, J. THE ROLE OF INTEGUMENTAL GLANDS IN THE SOCIAL AND MATING BEHAVIOUR OF THE HUNTING DOG *LYCAON PICTUS* (TEMMINCK, 1820). *Onderstepoort J. Vet. Res.* 48(1):19-21. Mar. 1981. In English with French summ. WR 183
[Fac. Vet. Sci., Univ. Pretoria, Onderstepoort 0110, South Africa]

81-007648 Whiteside, Richard W. and Fred S. Guthery. COYOTE USE OF PLAYAS IN THE TEXAS HIGH PLAINS. *Prairie Nat.* 13(2):42-44. June 1981. WR 183
[Dep. Range & Wildl. Manage., Tex. Tech Univ., Lubbock 79409] *Canis latrans.*

BEARS

81-007649 Amstrup, Steven C. ALASKAN POLAR BEAR RESEARCH FOR THE 1980's. *Proc. Alaska Sci. Conf. (Fairbanks)* 32:104-105. 1981. Abstract only. WR 183
[U.S. Wildl. Serv., Anchorage, AK 99504] *Ursus maritimus.*

81-007650 Garshelis, David L. and Michael R. Pelton. MOVEMENTS OF BLACK BEARS IN THE GREAT SMOKY MOUNTAINS NATIONAL PARK. *J. Wildl. Manage.* 45(4):912-925. Oct. 1981. WR 183
[Dep. Entomol., Fisheries & Wildl., Univ. Minn., St. Paul 55108] *Ursus americanus* in Tennessee and North Carolina.

BEARS (CONTINUED)

81-007651 Hamer, David; Stephen Herrero and G. W. Vroom. SELECTIVE CAPTURE OF GRIZZLY BEARS. *Wildl. Soc. Bull.* 9(2):139-141. 1981. WR 183
[Dep. Biol., Univ. Calgary, Calgary, Alberta T2N 1N4, Canada] *Ursus arctos* in Canada.

81-007652 Hamer, David; Stephen Herrero and Lynn Rogers. DIFFERENTIATING BLACK AND GRIZZLY BEAR FECES. *Wildl. Soc. Bull.* 9(3):210-212. 1981. WR 183
[Dep. Biol., Univ. Calgary, Calgary, Alberta, T2N 1N4 Canada] *Ursus americanus* and *U. arctos* in Canada.

81-007653 Kendall, Katherine. BEAR USE OF PINE NUTS. *M.S. thesis, Mont. State Univ.* 27p. 1981. WR 183
Courtesy/Robert L. Eng.

81-007654 Le Count, Albert L. A SURVEY OF TRICHINOSIS AMONG BLACK BEARS OF ARIZONA. *J. Wildl. Dis.* 17(3):349-351. July 1981. WR 183
[Arizona Game & Fish Dep., Star Route, Tonto Basin 85553] *Ursus americanus*.

81-007655 Lee, J.; R. Schweinsburg; Faye Kernan and J. Haigh. IMMOBILIZATION OF POLAR BEARS (*URSUS MARITIMUS*, PHIPPS) WITH KETAMINE HYDROCHLORIDE AND XYLAZINE HYDROCHLORIDE. *J. Wildl. Dis.* 17(3):331-336. July 1981. WR 183
[Northwest Territories Wildl. Serv., Yellowknife, Northwest Territories, Canada]

81-007656 Lindzey, Frederick G. DENNING DATES AND HUNTING SEASONS FOR BLACK BEARS. *Wildl. Soc. Bull.* 9(3):212-216. 1981. WR 183
[Utah Coop. Wildl. Res. Unit, Utah State Univ., Logan 84322] *Ursus americanus*.

81-007657 Murie, Adolph. THE GRIZZLIES OF MOUNT MCKINLEY. *U.S. Natl. Park Serv. Sci. Monogr. Ser.* No. 14. xviii + 251p. 1981. Available from Supt. Documents, GPO, Washington, DC 20402. WR 183
Ursus arctos in Alaska.

81-007658 Peyton, Bernard. SPECTACLED BEARS IN PERU. *Oryx* 16(1):48-56. May 1981. WR 183
[N.Y. Zool. Soc., Bronx Zoo, Bronx 10460] *Tremarctos ornatus*.

81-007659 Philo, L. Michael; Erich H. Follmann and Harry V. Reynolds. FIELD SURGICAL TECHNIQUES FOR IMPLANTING TEMPERATURE-SENSITIVE RADIO TRANSMITTERS IN GRIZZLY BEARS. *J. Wildl. Manage.* 45(3):772-775. July 1981. WR 183
[Inst. Arctic Biol., Univ. Alaska, Fairbanks 99701] *Ursus arctos* in Alaska.

81-007660 Röken, Bengt Ole and Barbro Röken. KÜNSTLICHE AUFZUCHT EINES NEUGEBORENEN MÄNNLICHEN EISBÄREN (*THALARCTOS MARITIMUS* PHIPPS 1774) IN KOLMÅRDENS DJURPARK. [SUCCESSFUL REARING OF YOUNG MALE POLAR BEAR *THALARCTOS MARITIMUS* IN KOLMÅRDENS ZOO.] *Zool. Gart.* 51(2):119-122. 1981. In German with French and English summ. WR 183
[Kolmårdens Djurpark, S-61800 Kolmården, Sweden]

BEARS (CONTINUED)

81-007661 Ryan, Charles. TRICHINOSIS OUTBREAK IN BARROW ASSOCIATED WITH FROZEN GRIZZLY BEAR MEAT. *Proc. Alaska Sci. Conf. (Fairbanks)* 32:9. 1981. Abstract only. WR 183
[Dep. Health & Social Serv., Room 313, 338 Denali St., Anchorage, AK 99501] *Ursus arctos* in Alaska.

81-007662 Servheen, Christopher Walter. GRIZZLY BEAR ECOLOGY AND MANAGEMENT IN THE MISSION MOUNTAINS, MONTANA. *Ph.D. dissertation, Univ. Mont.* 149p. 1981. From Diss. Abstr. Int. B Sci. Eng. 42(3):850. Sept. 1981. WR 183
Ursus arctos.

81-007663 Sidorowicz, George A. and Frederick F. Gilbert. THE MANAGEMENT OF GRIZZLY BEARS IN THE YUKON, CANADA. *Wildl. Soc. Bull.* 9(2):125-135. 1981. WR 183
[Inst. Meteor. & Arid Lands Studies, King Abdul Aziz Univ., Jeddah, Saudi Arabia] *Ursus arctos.*

81-007664 Tait, David E. N. ABANDONMENT AS A REPRODUCTIVE TACTIC--THE EXAMPLE OF GRIZZLY BEARS. *Am. Nat.* 115(6):800-808. June 1980. WR 183
[Fac. Forestry, Univ. British Columbia, Vancouver, British Columbia, Canada V6T 1W5] *Ursus arctos.*

RACCOONS, RINGTAIL, AND COATI

81-007665 Adams, John H.; Norman D. Levine and Kenneth S. Todd, Jr. *EIMERIA* AND *SARCOCYSTIS* IN RACCOONS IN ILLINOIS. *J. Protozool.* 28(2):221-222. May 1981. WR 183
[Coll. Vet. Med., Univ. Ill., Urbana 61801] *Procyon lotor.*

81-007666 Anderson, John F.; Louis A. Magnarelli and Alexander J. Sulzer. RACCOON BABESIOSIS IN CONNECTICUT, USA: *BABESIA LOTORI* SP. N. *J. Parasitol.* 67(3):417-425. June 1981. WR 183
[Dep. Entomol., Conn. Agric. Exp. Stn., P.O. Box 1106, New Haven 06504] *Procyon lotor.*

81-007667 Duszynski, D. W.; C. A. Speer; B. Chobotar and A. A. Marchiondo. FINE STRUCTURE OF THE OOCYST WALL AND EXCYSTATION OF *EIMERIA PROCYONIS* FROM THE AMERICAN RACCOON *(PROCYON LOTOR). Z. Parasitenkd.* 65(2):131-136. July 1981. WR 183
[Dep. Biol., Univ. N. Mex., Albuquerque 87131]

81-007668 Greenwood, Raymond .J. FOODS OF PRAIRIE RACCOONS DURING THE WATERFOWL NESTING SEASON. *J. Wildl. Manage.* 45(3):754-760. July 1981. WR 183
[Northern Prairie Wildl. Res. Cent., Jamestown, ND 58401] *Procyon lotor* in North Dakota.

RACCOONS, RINGTAIL, AND COATI (CONTINUED)

81-007669 Lehman, Larry E. RACCOON POPULATION ECOLOGY ON THE BROWNSTOWN RANGER DISTRICT, HOOSIER NATIONAL FOREST. *Indiana Dep. Nat. Resour. P.-R. Bull.* No. 11. ix + 46p. Dec. 1980. WR 183
Procyon lotor in Indiana.

MUSTELIDS

81-007670 Adams, C. E. OBSERVATIONS ON THE INDUCTION OF OVULATION AND EXPULSION OF UTERINE EGGS IN THE MINK, *MUSTELA VISON*. *J. Reprod. Fert.* 63(1):241-248. Sept. 1981. WR 183
[A.R.C. Inst. Anim. Physiol., Anim. Res. Stn., 307 Huntingdon Rd., Cambridge CB3 0JQ, England]

81-007671 Andersen, Johs. MINKEN (*MUSTELA VISON*) OG MINKJAGTEN I DANMARK 1970/71 OG 1972/73. [THE MINK (*MUSTELA VISON*) IN DENMARK.] *Dan. Vildtundersøgelser* No. 34. 24p. 1981. In Danish with English summ. WR 183

81-007672 Boissin-Agasse, L.; D. Maurel and J. Boissin. SEASONAL VARIATIONS IN THYROXINE AND TESTOSTERONE LEVELS IN RELATION TO THE MOULT IN THE ADULT MALE MINK (*MUSTELA VISON* PEALE AND BEAUVOIS). *Can. J. Zool.* 59(6):1062-1066. June 1981. In English with French summ. WR 183
[Cent. Etudes Biol. Anim. Sauvages, CNRS, Villiers-en-Bois, 79360 Beauvoir-sur-Niort, France]

81-007673 Canivenc, René; Maryse Bonnin and Claude Ribes. DÉCLENCHEMENT DE L'OVO-IMPLANTATION PAR ALLONGEMENT DE LA PHASE SOMBRE DE LA PHOTOPÉRIODE CHEZ LE BLAIREAU EUROPÉEN *MELES MELES* L. [TRIGGERING OF EGG-IMPLANTING BY PROLONGING THE DARK PHASE OF PHOTOPERIOD IN THE EUROPEAN BADGER *MELES MELES* L.] *C.R. Hebd. Séances Acad. Sci. Sér. III* 292(17):1009-1012. 11 May 1981. In French with English WR 183
[Lab. Encrinol. Exp., Univ. Bordeaux II, rue Léo-Saignat, 33076 Bordeaux Cedex, France]

81-007674 Chanin, Paul. THE DIET OF THE OTTER AND ITS RELATIONS WITH THE FERAL MINK IN TWO AREAS OF SOUTHWEST ENGLAND. *Acta Theriol.* 26(5):83-95. Mar. 1981. In English with Polish summ. WR 183
[Dep. Extra Mural Studies, Univ. Exeter, 5 Walsingham Pl., Truro, Cornwall, England] *Lutra lutra* and *Mustela vison*.

81-007675 Cheeseman, C. L. and P. J. Mallinson. BEHAVIOUR OF BADGERS (*MELES MELES*) INFECTED WITH BOVINE TUBERCULOSIS. *J. Zool. (Lond.)* 194(2):284-289. June 1981. WR 183
[M.A.F.F., Agric. Sci. Serv., Worplesdon Lab., Tangley Pl., Worplesdon, Guildford, Surrey, England]

81-007676 Erlinge, Sam. FOOD PREFERENCE, OPTIMAL DIET AND REPRODUCTIVE OUTPUT IN STOATS *MUSTELA ERMINEA* IN SWEDEN. *Oikos* 36(3):303-315. Mar. 1981. In English with Russian summ. WR 183
[Dep. Anim. Ecol., Univ. Lund, Ecol. Bldg., S-223 62 Lund, Sweden]

MUSTELIDS (CONTINUED)

81-007677 Fairley, J. S. OBSERVATIONS ON A COLLECTION OF FERAL IRISH MINK *MUSTELA VISON* SCHREBER. *Proc. R. Ir. Acad. Sect. B Biol. Geol. Chem. Sci.* 80(5):79-90. 1980. From Ecol. Abstr. 1981/2:81L/2418. 1981. WR 183

81-007678 Gamble, R. Lloyd. DISTRIBUTION IN MANITOBA OF *MUSTELA FRENATA LONGICAUDA* BONAPARTE, THE LONG-TAILED WEASEL, AND THE INTERRELATION OF DISTRIBUTION AND HABITAT SELECTION IN MANITOBA, SASKATCHEWAN, AND ALBERTA. *Can. J. Zool.* 59(6):1036-1039. June 1981. In English with French summ. WR 183
[Dep. Zool., Univ. Manitoba, Winnipeg, Manitoba, Canada R3T 2N2]

81-007679 Grafodatskii, A. S. and S. I. Radzhabli. THE NUCLEOLUS-FORMING REGIONS IN THE CHROMOSOMES OF NINE MUSTELINE SPECIES (CARNIVORA, MUSTELIDAE). *Dokl. Biol. Sci. (Engl. Transl. Dokl. Akad. Nauk SSSR)* 255(1-6):561-563. Nov.-Dec. 1980. Translated from Dokl. Akad. Nauk SSSR 255(6):1487-1489. Dec. 1980. WR 183
[Inst. Cytol. & Genetics, Siberian Branch, Acad. Sci. USSR, Novosibirsk, USSR]

81-007680 Hadlow, W. J. and R. E. Race. COMMON OCCURRENCE OF URETHRAL CYSTS IN OLDER FEMALE RANCH MINK. *Vet. Pathol.* 18(5):599-607. Sept. 1981. WR 183
[Rocky Mountain Lab., Hamilton, MT 59840] *Mustela vison.*

81-007681 Harlow, Henry J. METABOLIC ADAPTATIONS TO PROLONGED FOOD DEPRIVATION BY THE AMERICAN BADGER *TAXIDEA TAXUS*. *Physiol. Zool.* 54(3):276-284. July 1981. WR 183
[Dep. Zool. & Physiol., Univ. Wyo., Laramie 82071]

81-007682 Harlow, Henry J. TORPOR AND OTHER PHYSIOLOGICAL ADAPTATIONS OF THE BADGER (*TAXIDEA TAXUS*) TO COLD ENVIRONMENTS. *Physiol. Zool.* 54(3):267-275. 1981. WR 183
[Dep. Zool. & Physiol., Univ. Wyo., Laramie 82071]

81-007683 Jenkins, David and Martin L. Gorman. ANAESTHESIA OF THE EUROPEAN OTTER *LUTRA LUTRA* USING KETAMINE HYDROCHLORIDE. *J. Zool. (Lond.)* 194(2):265-267. June 1981. WR 183
[Inst. Terrestrial Ecol., Hill of Brathens, Banchory, Scotland]

81-007684 Johnson, Charles B. HABITAT USE BY MINK ON PRINCE OF WALES ISLAND. *Proc. Alaska Sci. Conf. (Fairbanks)* 32:121-122. 1981. Abstract only. WR 183
[Alaska Coop. Wildl. Res. Unit., Univ. Alaska, Fairbanks 99701] *Mustela vison* in Alaska.

81-007685 King, Carolyn M. POPULATION BIOLOGY OF THE WEASEL *MUSTELA NIVALIS* ON BRITISH GAME ESTATES. *Holarctic Ecol.* 3(3):160-168. 1980. From Ecol. Abstr. 1981/2:81L/2420. 1981. WR 183

81-007686 Kovach, Steven D. WOLVERINE, *GULO GULO*, RECORDS FOR THE WHITE MOUNTAINS, CALIFORNIA. *Calif. Fish Game* 67(2):132-133. Apr. 1981. WR 183
[45108 N. Harlas, Lancaster, CA 93534]

MUSTELIDS (CONTINUED)

81-007687 Kuehn, David W. and William E. Berg. USE OF RADIOGRAPHS TO IDENTIFY AGE-CLASSES OF FISHER. *J. Wildl. Manage.* 45(4):1009-1010. Oct. 1981. WR 183
[For. Wildl. Population & Res. Group, Minn. Dep. Nat. Resour., Grand Rapids 55744] *Martes pennanti* in Minnesota.

81-007688 Lampe, Richard P. and Marsha A. Sovada. SEASONAL VARIATION IN HOME RANGE OF A FEMALE BADGER (*TAXIDEA TAXUS*). *Prairie Nat.* 13(2):55-58. June 1981. WR 183
[Dep. Biol., Buena Vista Coll., Storm Lake, IA 50580] *Taxidea taxus* in Minnesota.

81-007689 Loughlin, Thomas R.; Jack A. Ames and Judson E. Vandevere. ANNUAL REPRODUCTION, DEPENDENCY PERIOD, AND APPARENT GESTATION PERIOD IN TWO CALIFORNIAN SEA OTTERS, *ENHYDRA LUTRIS*. *U.S. Natl. Mar. Fish. Serv. Fish. Bull.* 79(2):347-349. Apr. 1981. WR 183
[NMFS, NOAA, 7600 Sand Point Way NE, Seattle, WA 98115]

81-007690 Mead, Rodney A.; P. W. Concannon and Martha McRae. EFFECT OF PROGESTINS ON IMPLANTATION IN THE WESTERN SPOTTED SKUNK. *Biol. Reprod.* 25(1):128-133. Aug. 1981. WR 183
[Dep. Biol. Sci., Univ. Idaho, Moscow 83843] *Spilogale putorius latifrons.*

81-007691 Messick, John P. and Maurice G. Hornocker. ECOLOGY OF THE BADGER IN SOUTHWESTERN IDAHO. *Wildl. Monogr.* No. 76. 53p. Jan. 1981. Available at $2.70 from Executive Director, The Wildlife Society, 5410 Grosvenor Lane, Bethesda, MD 20814. WR 183
[Dep. Biol., Mo. Southern State Coll., Joplin 64801] *Taxidea taxus.*

81-007692 Morris, Robert; Derek V. Ellis and Brian P. Emerson. THE BRITISH COLUMBIA TRANSPLANT OF SEA OTTERS *ENHYDRA LUTRIS*. *Biol. Conserv.* 20(4):291-295. Aug. 1981. WR 183
[Ellis: Biol. Dep., Univ. Victoria, Victoria, British Columbia, Canada V8W 2Y2]

81-007693 Murphy, Bruce D.; Patrick W. Concannon; Hugh F. Travis and William Hansel. PROLACTIN: THE HYPOPHYSEAL FACTOR THAT TERMINATES EMBRYONIC DIAPAUSE IN MINK. *Biol. Reprod.* 25(3):487-491. Oct. 1981. WR 183
[Dep. Biol., Univ. Saskatchewan, Saskatoon, Saskatchewan, Canada S7N 0W0] *Mustela vison.*

81-007694 Platt, Thomas R. and Danny B. Pence. *MOLINEUS SAMUELI* N. SP. (NEMATODA: TRICHOSTRONGYLOIDEA: MOLINEIDAE) FROM THE BADGER, *TAXIDEA TAXUS*. *Proc. Helminthol. Soc. Wash.* 48(2):148-153. July 1981. WR 183
[Dep. Biol., Univ. Richmond, Richmond, VA 23173]

81-007695 Stromberg, Mark R.; Dean E. Biggins and Mickie Bidwell. NEW RECORD OF THE LEAST WEASEL IN WYOMING. *Prairie Nat.* 13(2):45-46. June 1981. WR 183

MUSTELIDS (CONTINUED)

81-007695 CONTINUED
[Nature Conservancy, 1603 Capitol Ave. No. 325, Cheyenne, WY 82001] *Mustela nivalis.*

81-007696 Suggett, Glen and Brian Keating. RIVER OTTER SIGHTINGS IN SOUTHERN SASKATCHEWAN. *Blue Jay* 39(2):121-122. June 1981. WR 183
[235 Lockwood St., Winnipeg, Manitoba R3N 1S1, Canada] *Lutra canadensis.*

81-007697 van der Zee, D. PREY OF THE CAPE CLAWLESS OTTER (*AONYX CAPENSIS*) IN THE TSITSIKAMA COASTAL NATIONAL PARK, SOUTH AFRICA. *J. Zool. (Lond.)* 194(4):467-483. Aug. 1981. WR 183
[D.R. De Wet Res. Stn., Private Bag X520, Sabie 1260, South Africa]

81-007698 Weiss-Bürger, Marles. UNTERSUCHUNG ZUM EINFLUß DES ERKUNDUNGS- UND SPIELVERHALTENS AUF DAS LERNEN BEI ILTISFRETTCHEN (*MUSTELA PUTORIUS* X *M. FURO*). [AN INVESTIGATION ON THE INFLUENCE OF EXPLORATION AND PLAY ON LEARNING BY POLECATS (*MUSTELA PUTORIUS* X *M. FURO*).] *Z. Tierpsychol.* 55(1):33-62. 1981. In German with English summ. WR 183
[Potsdamer Straße 4, D-3550 Marburg/Lahn, West Germany]

81-007699 Wicht, Robert J. TRANSMISSION OF *SARCOCYSTIS RILEYI* TO THE STRIPED SKUNK (*MEPHITIS MEPHITIS*). *J. Wildl. Dis.* 17(3):387-388. July 1981. WR 183
[Wild Anim. Dis. Cent., Dep. Pathol., Colo. State Univ., Ft. Collins 80523]

81-007700 Williams, Thomas D.; A. Lesley Williams and Donald B. Siniff. FENTANYL AND AZAPERONE PRODUCED NEUROLEPTANALGESIA IN THE SEA OTTER (*ENHYDRA LUTRIS*). *J. Wildl. Dis.* 17(3):337-342. July 1981. WR 183
[Monterey Bay Aquarium, 886 Cannery Row, Monterey, CA 93940]

81-007701 Williams, Thomas D. and L. Thomas Pulley. LEIOMYOMAS IN TWO SEA OTTERS, *ENHYDRA LUTRIS*. *J. Wildl. Dis.* 17(3):401-404. July 1981. WR 183
[Monterey Bay Aquarium, 886 Cannery Row, Monterey, CA 93940]

81-007702 Worthen, Gary L. and Delbert L. Kilgore, Jr. METABOLIC RATE OF PINE MARTEN IN RELATION TO AIR TEMPERATURE. *J. Mammal.* 62(3):624-628. 20 Aug. 1981. WR 183
[Exceptional Child Cent., UMC 68, Utah State Univ., Logan 84322] *Martes americana.*

81-007703 Wright, Peter Frederick. ALEUTIAN DISEASE OF MINK: SERODIAGNOSIS AND SEROEPIDEMIOLOGY. *Ph.D. dissertation, Univ. Guelph* 1981. From Diss. Abstr. Int. B Sci. Eng. 42(3):936. Sept. 1981. WR 183
Mustela vison.

CATS

81-007704 Acharjyo, L. M. and Ch. G. Mishra. SOME NOTES ON THE LONGEVITY OF TWO SPECIES OF INDIAN WILD CATS IN CAPTIVITY. *J. Bombay Nat. Hist. Soc.* 78(1):155-156. Apr. 1981. WR 183

CATS (CONTINUED)

81-007704 CONTINUED
[Nandankanan Biol. Park, P.O. Barang, Dist. Cuttack, India] *Felis temmincki* and *Neofelis nebulosa*.

81-007705 Das, Adhir Kumar. OBSERVATIONS ON THE REPRODUCTIVE BEHAVIOUR OF THE TIGER, *PANTHERA TIGRIS TIGRIS* LINN. IN CAPTIVITY. *J. Bombay Nat. Hist. Soc.* 77(2):253-260. Aug. 1980. WR 183
[Zool. Garden, Alipore, Calcutta-700 027, India]

81-007706 Finerty, J. Patrick. CYCLES IN CANADIAN LYNX. *Am. Nat.* 114(3):453-455. Sept. 1979. WR 183
[Dep. Biol., Univ. Utah, Salt Lake City 84112] *Lynx canadensis*.

81-007707 Hills, Daphne M. and Reay H. N. Smithers. THE "KING CHEETAH". A HISTORICAL REVIEW. *Arnoldia (Zimbabwe)* 9(1):1-23. 15 Aug. 1980. WR 183
[British Mus. (Nat. Hist.), London, England] *Acinonyx rex*.

81-007708 Hoppe, Richard Thomas. POPULATION DYNAMICS OF THE MICHIGAN BOBCAT (*LYNX RUFUS*) WITH REFERENCE TO AGE STRUCTURE AND REPRODUCTION. *M.S. thesis, Mich. State Univ.* 59p. 1980. From Masters Abstr. 19(2):108. June 1981. WR 183

81-007709 Johnson, Neil F.; Bennett A. Brown and Janet C. Bosomworth. AGE AND SEX CHARACTERISTICS OF BOBCAT CANINES AND THEIR USE IN POPULATION ASSESSMENT. *Wildl. Soc. Bull.* 9(3):203-206. 1981. WR 183
[Kans. Fish & Game Comm., Rt. 2, Box 54A, Pratt 67124] *Lynx rufus* in Kansas.

81-007710 McCord, Chet. BOBCAT UPDATE. *Mass. Wildl.* 32(3):14-17. July-Aug. 1981. WR 183
[Mass. Div. Fish & Wildl., Westboro] *Felis rufus* in Massachusetts.

81-007711 McDougal, Charles. SOME OBSERVATIONS ON TIGER BEHAVIOUR IN THE CONTEXT OF BAITING. *J. Bombay Nat. Hist. Soc.* 77(3):476-485. Dec. 1980. WR 183
[Tiger Tops Jungle Lodge, P.O. Box 242, Kathmandu, Nepal] *Panthera tigris*.

81-007712 Panaman, Roger. BEHAVIOUR AND ECOLOGY OF FREE-RANGING FEMALE FARM CATS (*FELIS CATUS* L.). *Z. Tierpsychol.* 56(1):59-73. 1981. In English with German summ. WR 183
[Psychol. Dep., Univ. St. Andrews, St. Andrews, Scotland KY16 9JU]

81-007713 Starfield, A. M.; J. D. Shiell and G. L. Smuts. SIMULATION OF LION CONTROL STRATEGIES IN A LARGE GAME RESERVE. *Ecol. Modelling* 13(1-2):17-28. June 1981. WR 183
[Dep. Civil & Mineral Eng., Univ. Minn., Minneapolis 55455] *Panthera leo* in South Africa.

81-007714 Whittle, N. REACTIONS OF TIGERS TO THE SCENT OF CONSPECIFICS. *J. Zool. (Lond.)* 194(2):263-265. June 1981. WR 183
[13 Porter Rd., Fleetsbridge, Poole, Dorset, England] *Felis tigris*.

OTHER CARNIVORES

81-007715 Gingerich, Philip D. RADIATION OF EARLY CENOZOIC DIDYMOCONIDAE (CONDYLARTHRA, MESONYCHIA) IN ASIA, WITH A NEW GENUS FROM THE EARLY EOCENE OF WESTERN NORTH AMERICA. *J. Mammal.* 62(3):526-538. 20 Aug. 1981. WR 183
[Mus. Paleontol., Univ. Mich., Ann Arbor 48109] *Wyolestes apheles*--new genus and species.

81-007716 Soares, M. J. and J. C. Hoffmann. SEASONAL REPRODUCTION IN THE MONGOOSE, *HERPESTES AUROPUNCTATUS*. I. ANDROGEN, LUTEINIZING HORMONE, AND FOLLICLE-STIMULATING HORMONE IN THE MALE. *Gen. Comp. Endocrinol.* 44(3):350-358. June 1981. WR 183
[Thimann Lab., Univ. Calif., Santa Cruz 95064]

81-007717 Wadsworth, P. F. and D. M. Jones. TWO CASES OF NEOPLASIA IN CAPTIVE GENETS (*GENETTA* SP.). *J. Comp. Pathol.* 91(3):451-453. July 1981. WR 183
[ICI Pharmaceuticals Div., Mereside, Alderley Park, Macclesfield, Cheshire, England] *Genetta genetta* and *G. tigrina*.

MARINE MAMMALS

81-007718 Aarde, R. J. van and M. Pascal. MARKING SOUTHERN ELEPHANT SEALS ON ILES KERGUELEN. *Polar Record* 20(124):62-65. 1980. From Ecol. Abstr. 1981/1:81L/0121. 1981. WR 183
Mirounga leonina.

81-007719 Andre, John B. and Ruth Ittner. HAWAIIAN MONK SEAL ENTANGLED IN FISHING NET. *'Elepaio* 41(6):51. Dec. 1980. WR 183
[U.S. Fish & Wildl. Serv., P.O. Box 87, Kilauea, Kauai, HI 96754] *Monachus schauinslandi* in Hawaii.

81-007720 Ashwell-Erickson, S.; F. H. Fay; R. Elsner and D. Wartzok. NUTRITIONAL AND HORMONAL ASPECTS OF MOLTING IN BERING SEA HARBOR AND SPOTTED SEALS. *Proc. Alaska Sci. Conf. (Fairbanks)* 32:101-102. 1981. Abstract only. WR 183
[Inst. Arctic Biol., Univ. Alaska, Fairbanks 99701] *Phoca vitulina richardsi* and *P. largha* in Alaska.

81-007721 Au, Whitlow W. L. and Ralph H. Penner. TARGET DETECTION IN NOISE BY ECHOLOCATING ATLANTIC BOTTLENOSE DOLPHINS. *J. Acoust. Soc. Am.* 70(3):687-693. Sept. 1981. WR 183
[Naval Ocean Syst. Cent., Kailua, HI 96734] *Tursiops truncatus*.

81-007722 Best, Robin C. FOODS AND FEEDING HABITS OF WILD AND CAPTIVE SIRENIA. *Nammal Rev.* 11(1):3-29. Mar. 1981. WR 183
[Dep. Aquatic Mammal Biol., Inst. Nacl. Pesquisas Amazônia, Manaus, Amazonas, Brazil] *Trichechus inunguis, T. manatus, T. senegalensis, Dugong dugon* and *Hydrodamalis gigas*.

MARINE MAMMALS (CONTINUED)

81-007723 Bester, M. N. SEASONAL CHANGES IN THE POPULATION COMPOSITION OF THE FUR SEAL *ARCTOCEPHALUS TROPICALIS* AT GOUGH ISLAND. *S. Afr. J. Wildl. Res.* 11(2):49-55. 1981. In English with Afrikaans summ. WR 183
[Mammal Res. Inst., Univ. Pretoria, Pretoria 0002, South Africa]

81-007724 Bourne, W. R. P. FUR SEALS RETURN TO GOUGH ISLAND. *Oryx* 16(1):46-47. May 1981. WR 183
[Zool. Dep., Aberdeen Univ., Tillydrone Ave., Aberdeen, Scotland] *Arctocephalus tropicalis.*

81-007725 Cattan, Pedro E.; José L. Yáñez and Daniel Torres. HELMINTOS PARÁSITOS DEL LOBO FINO *ARCTOCEPHALUS PHILIPPII* (PETERS, 1866) DE JUAN FERNÁNDEZ. [HELMINTH PARASITES OF THE JUAN FERNÁNDEZ FUR SEAL *ARCTOCEPHALUS PHILIPPII* (PETERS, 1866).] *Bol. Chile. Parasitol.* 35(3&4):73-75. July-Sept. & Oct.-Dec. 1980. In Spanish with English summ. WR 183
[Fac. Cienc. Vet., Univ. Chile, Santiago, Chile]

81-007726 Clark, Christopher Willes. ACOUSTIC COMMUNICATION AND BEHAVIOR OF THE SOUTHERN RIGHT WHALE. *Ph.D. dissertation, State Univ. N.Y. (Stony Brook)* 172p. 1981. From Diss. Abstr. Int. B Sci. Eng. 42(1):35. July 1981. WR 183
Eubalaena glacialis.

81-007727 Condy, P. R. and R. J. van Aarde. KILLER WHALES. *Afr. Wildl.* 31(1):12-14. 1977. From Ecol. Abstr. 1981/1:81L/0120. 1981. WR 183
Orcinus orca.

81-007728 Condy, P. R. ELEPHANT SEALS OF MARION ISLAND. *Afr. Wildl.* 33(1):36-37. 1979. From Ecol. Abstr. 1981/1:81L/0943. 1981. WR 183
Mirounga leonina.

81-007729 Coulson, J. C. A STUDY IN THE FACTORS INFLUENCING THE TIMING OF BREEDING IN THE GREY SEAL *HALICHOERUS GRYPUS*. *J. Zool. (Lond.)* 194(4):553-571. Aug. 1981. WR 183
[Dep. Zool., Univ. Durham, Durham, England]

81-007730 Dekker, D. PRE- AND POSTNATAL BEHAVIOUR IN THE MANATEE (*TRICHECHUS MANATUS*) IN CAPTIVITY. *Aquat. Mammals* 8(1):21-26. June 1980. WR 183
[Artis Zoo, Amsterdam, Netherlands]

81-007731 Dral, A. D. G.; F. C. Stades and A. W. van Foreest. SOME CASES OF SYNECHIA ANTERIOR IN AQUATIC MAMMALS. *Aquat. Mammals* 8(1):11-14. WR 183
[Netherlands Inst. Sea Res., Texel, Netherlands] *Sotalia fluviatilis guianensis, Inia geoffrensis* and *Phoca hispida sibirica.*

81-007732 Duguy, R. and D. Prieur. REMARKS ON THE REINTRODUCTION OF GREY SEALS AND COMMON SEALS ALONG THE FRENCH COAST. *Aquat. Mammals* 8(1):19-20. June 1980. WR 183
[Cent. Etude Mammifères Marin, 17000 La Rochelle, France] *Halichoerus grypus* and *Phoca vitulina.*

MARINE MAMMALS (CONTINUED)

81-007733 Economos, Angelos C. REGULATION OF HAEMOPOIESIS IN ALTERED GRAVITY. *Biol. Rev. Camb. Philos. Soc.* 56(2):87-98. May 1981. WR 183
[Lab. Génétique, Univ. Catholic de Louvain, 1348 Louvain-La-Neuve, Belgium] "Aquatic mammals."

81-007734 Elsner, R.; R. W. Millard; J. Kjekshus; A. S. Blix and L. A. Sordahl. CARDIAC ADAPTATIONS IN DIVING SEALS. *Proc. Alaska Sci. Conf. (Fairbanks)* 32:102-104. 1981. Abstract only. WR 183
[Inst. Mar. Sci. & Arctic Biol., Univ. Alaska, Fairbanks 99701]

81-007735 Ford, John and Deborah Ford. THE KILLER WHALES OF B.C. *Waters* 5(1):2-32. 1981. WR 183
Orcinus orca.

81-007736 Foreest, A. W. van. HAEMATOLOGIC FINDINGS IN *SOTALIA FLUVIATILIS GUIANENSIS*. *Aquat. Mammals* 8(1):15-18. June 1980. WR 183
[Ouwehand Zoo, Rhene, Netherlands]

81-007737 Gallivan, G. J. VENTILATION AND GAS EXCHANGE IN UNRESTRAINED HARP SEALS *(PHOCA GROENLANDICA)*. *Comp. Biochem. Physiol. A Comp. Physiol.* 69(4):809-813. 1981. WR 183
[Dep. Anaesthesia, McMaster Univ., Hamilton, Ontario, Canada]

81-007738 Goedicke, T. R. LIFE EXPECTANCY OF MONK SEAL COLONIES IN GREECE. *Biol. Conserv.* 20(3):173-181. July 1981. WR 183
[Inner Space Res. Foundation, PO Box 150, Piraeus, Greece] *Monachus monachus*.

81-007739 Hanson, Arnold M. ON PREDICTING THE FIRST ARRIVALS AT BARROW DURING THE ANNUAL SPRING MIGRATION OF BOWHEADS. *Proc. Alaska Sci. Conf. (Fairbanks)* 32:100. 1981. Abstract only. WR 183
[Dep. Atmospheric Sci., Univ. Wash., Seattle 98195] *Balaena mysticetus* in Alaska.

81-007740 Helle, Eero. AERIAL CENSUS OF RINGED SEALS *PUSA HISPIDA* BASKING ON THE ICE OF THE BOTHNIAN BAY, BALTIC. *Holarctic Ecol.* 3(3):183-189. 1980. From Ecol. Abstr. 1981/2:81L/1611. 1981. WR 183

81-007741 Helle, Eero. REPRODUCTION, SIZE AND STRUCTURE OF THE BALTIC RINGED SEAL POPULATION OF THE BOTHNIAN BAY. *Acta Univ. Ouluensis Ser. A Biol.* No. 11. p. 1-47. 1980. WR 183
[Dep. Biol., Univ. Joensuu, Box 111, SF-80101 Joensuu 10, Finland] *Phoca hispida botnica* in Finland.

81-007742 Irvine, A. B.; F. C. Neal; P. T. Cardeilhac; J. A. Popp; F. H. White and R. L. Jenkins. CLINICAL OBSERVATIONS ON CAPTIVE AND FREE-RANGING WEST INDIAN MANATEES, *TRICHECHUS MANATUS*, IN FLORIDA. *Aquat. Mammals* 8(1):2-10. June 1980. WR 183
[Natl. Fish & Wildl. Lab., Gainesville Field Stn., 412 N.E. 16th Ave., Gainesville, FL 32601]

81-007743 Jarrell, Gordon H. A CYTOGENETIC INVESTIGATION OF PHENOTYPIC VARIABILITY IN BOWHEAD WHALES, *BALAENA MYSTICETUS*. *Proc. Alaska Sci. Conf. (Fairbanks)* 32:101. 1981. Abstract only. WR 183
[Inst. Arctic Biol., Univ. Alaska, Fairbanks 99701]

MARINE MAMMALS (CONTINUED)

81-007744 Johnson, Patricia A.; Brian W. Johnson and Leighton T. Taylor. INTERISLAND MOVEMENT OF A YOUNG HAWAIIAN MONK SEAL BETWEEN LAYSAN ISLAND AND MARO REEF. *'Elepaio* 41(11):113-114. May 1981. WR 183
[Waikiki Aquarium, Univ. Hawaii, 2777 Kalakaua Ave., Honolulu 96815] *Monachus schauinslandi.*

81-007745 Jouventin, P. and A. Cornet. LA VIE SOCIALE DES PHOQUES. [SOCIAL LIFE AMONG SEALS.] *Recherche* 10(105):1058-1066. 1979. From Ecol. Abstr. 1981/1:81L/0942. 1981. WR 183
Lobodon carcinophagus.

81-007746 Lang, G.; A. Gagnon and J. R. Geraci. ISOLATION OF AN INFLUENZA A VIRUS FROM SEALS. *Arch. Virol.* 68(3-4):189-195. 1981. WR 183
[Dep. Vet. Microbiol. & Immunol., Ontario Vet. Coll., Univ. Guelph, Guelph, Ontario, Canada] *Phoca vitulina.*

81-007747 Magnusson, W. E.; R. C. Best and V. M. F. da Silva. NUMBERS AND BEHAVIOR OF AMAZONIAN DOLPHINS, *INIA GEOFFRENSIS* AND *SOTALIA FLUVIATILIS FLUVIATILIS*, IN THE RIO SOLIMÕES, BRAZIL. *Aquat. Mammals* 8(1):27-32. June 1980. WR 183
[Dep. Biol. Mamiferos Aquaticos, Inst. Nacl. Pesquisa da Amazônia, C.P. 478, 69000 Manaus-AM, Brazil]

81-007748 Montgomery, G. Gene; Robin C. Best and Megumi Yamakoshi. A RADIO-TRACKING STUDY OF THE AMAZONIAN MANATEE *TRICHECHUS INUNGUIS* (MAMMALIA: SIRENIA). *Biotropica* 13(2):81-85. June 1981. WR 183
[Smithsonian Trop. Res. Inst., P.O. Box 2072, Balboa, Panama]

81-007749 Murphy, B. J. and P. W. Hochachka. ACTIVITIES OF OXIDATIVE AND GLYCOLYTIC ENZYMES IN FETAL HEART, LUNG, AND BRAIN IN THE WEDDELL SEAL. *Can. J. Zool.* 59(6):1172-1175. June 1981. In English with French summ. WR 183
[Dep. Respiratory Med., Stanford Univ., Stanford, CA] *Leptonychotes weddelli.*

81-007750 Parry, Katharine; Sheila S. Anderson and Michael A. Fedak. CHEMICAL IMMOBILIZATION OF GRAY SEALS. *J. Wildl. Manage.* 45(4):986-990. Oct. 1981. WR 183
[Broadway Vet. Clinic, 158 Broadway, Peterborough, England] *Halichoerus grypus.*

81-007751 Perrin, W. F.; E. D. Mitchell; J. G. Mead; D. K. Caldwell and P. J. H. van Bree. *STENELLA CLYMENE*, A REDISCOVERED TROPICAL DOLPHIN OF THE ATLANTIC. *J. Mammal.* 62(3):583-598. 20 Aug. 1981. WR 183
[Southwest Fisheries Cent., La Jolla, CA 92038]

81-007752 Pitcher, Kenneth W. and Donald G. Calkins. REPRODUCTIVE BIOLOGY OF STELLER SEA LIONS IN THE GULF OF ALASKA. *J. Mammal.* 62(3):599-605. 20 Aug. 1981. WR 183
[Alaska Dep. Fish & Game, 333 Rasberry Rd., Anchorage 99502] *Eumetopias jubatus.*

81-007753 Powell, James A.; David W. Belitsky and Galen B. Rathbun. STATUS OF THE WEST INDIAN MANATEE (*TRICHECHUS MANATUS*) IN PUERTO RICO. *J. Mammal.* 62(3):642-646. 20 Aug. 1981. WR 183
[Denver Wildl. Res. Cent., 412 N.E. 16th Ave., Gainesville, FL 32601]

MARINE MAMMALS (CONTINUED)

81-007754 Reiter, Joanne; Kathy J. Panken and Burney J. Le Boeuf. FEMALE COMPETITION AND REPRODUCTIVE SUCCESS IN NORTHERN ELEPHANT SEALS. *Anim. Behav.* 29(3):670-687. Aug. 1981. WR 183
[Board of Studies in Biol., Univ. Calif., Santa Cruz 95064] *Mirounga angustirostris* in California.

81-007755 Renouf, Deane; Linda Gaborko; Gerald Galway and Renée Finlayson. THE EFFECT OF DISTURBANCE ON THE DAILY MOVEMENTS OF HARBOUR SEALS AND GREY SEALS BETWEEN THE SEA AND THEIR HAULING GROUNDS AT MIQUELON. *Appl. Anim. Ethol.* 7(4):373-379. Sept. 1981. WR 183
[Dep. Psychol., Memorial Univ. Newfoundland, St. John's, Newfoundland, A1B 3X9 Canada] *Phoca vitulina* and *Halichoerus grypus.*

81-007756 Ridlington, J. W.; D. C. Chapman; D. E. Goeger and P. D. Whanger. METALLOTHIONEIN AND Cu-CHELATIN: CHARACTERIZATION OF METAL-BINDING PROTEINS FROM TISSUES OF FOUR MARINE ANIMALS. *Comp. Biochem. Physiol. B Comp. Biochem.* 70(1):93-104. 1981. WR 183
[Dep. Agric. Chem., Oreg. State Univ., Corvallis 97331] Including *Zalophus c. californicus* and *Physeter catodon.*

81-007757 Rigley, Louis and Valerie Vandyke. SHALLOW WATER BEHAVIOR OF ATLANTIC BOTTLENOSE DOLPHINS (*TURSIOPS TRUNCATUS*). *Proc. Pa. Acad. Sci.* 55(1):104. 1981. Abstract only. WR 183
[Dep. Biol., Wilkes Coll., Wilkes-Barre, PA 18766]

81-007758 Rugh, David J. and Mark A. Fraker. GRAY WHALE (*ESCHRICHTIUS ROBUSTUS*) SIGHTINGS IN EASTERN BEAUFORT SEA. *Arctic* 34(2):186-187. June 1981. In English with French summ. WR 183
[Natl. Marine Mammal Lab., 7600 Sand Point Way N.E., Bldg. 32, Seattle, WA 98115]

81-007759 Schulmeister, Susan. HAWAIIAN MONK SEAL NUMBERS INCREASE ON TERN ISLAND. *'Elepaio* 41(7):62-63. Jan. 1981. WR 183
[P.O. Box 97, Kilauea, Kauai, HI 96754] *Monachus schauinslandi* in Hawaii.

81-007760 Shaugnessy, P. D.; A. Semmelink; J. Cooper and P. G. H. Frost. ATTEMPTS TO DEVELOP ACOUSTIC METHODS OF KEEPING CAPE FUR SEALS *ARCTOCEPHALUS PUSILLUS* FROM FISHING NETS. *Biol. Conserv.* 21(2):141-158. Oct. 1981. WR 183
[Sea Fisheries Inst., Sea Point 8060, South Africa]

81-007761 Shepherd, J. G. CAUTIOUS MANAGEMENT OF MARINE RESOURCES. *Nath. Biosci.* 55(3/4):179-187. Aug. 1981. WR 183
[Minist. Agric., Fisheries & Food, Research Fisheries Lab., Lowestoft, Suffolk, NR33 0HT, England] "Whale populations."

81-007762 Sivaprakasam, T. E. ON THE UNUSUAL OCCURRENCE OF THE COMMON DOLPHIN *DELPHINUS DELPHIS* LINNAEUS IN LONGLINE CATCHES AT PORT BLAIR, ANDAMANS. *J. Bombay Nat. Hist. Soc.* 77(2):320-321. Aug. 1980. WR 183
[Govt. India, Port Blair Base of Exploratory Fisheries Project, Port Blair, Andamans, India]

MARINE MAMMALS (CONTINUED)

81-007763 Smith, Thomas G.; Donald B. Siniff; Richard Reichle and Sheridan Stone. COORDINATED BEHAVIOR OF KILLER WHALES, *ORCINUS ORCA*, HUNTING A CRABEATER SEAL, *LOBODON CARCINOPHAGUS*. *Can. J. Zool.* 59(6):1185-1189. June 1981. In English with French summ. WR 183
[Arctic Biol. Stn., 55 St.-Pierre Blvd., Ste. Anne de Bellevue, Quebec, Canada H9X 3R4]

81-007764 Smith, Thomas G. and Michael O. Hammill. ECOLOGY OF THE RINGED SEAL, *PHOCA HISPIDA*, IN ITS FAST ICE BREEDING HABITAT. *Can. J. Zool.* 59(6):966-981. June 1981. In English with French summ. WR 183
[Arctic Biol. Stn., 555 St. Pierre Blvd., Ste. Anne de Bellevue, Quebec, Canada H9X 3R4]

81-007765 Smith, Tim D. LINE-TRANSECT TECHNIQUES FOR ESTIMATING DENSITY OF PORPOISE SCHOOLS. *J. Wildl. Manage.* 45(3):650-657. July 1981. WR 183
[Natl. Mar. Fisheries Serv., Southwest Fisheries Cent., La Jolla, CA 92038] *Stenella attenuata*, *S. longirostris*, and *Delphinus delphis* in Mexico and Central America.

81-007766 Spotte, Stephen and Gary Adams. PHOTOPERIOD AND REPRODUCTION IN CAPTIVE FEMALE NORTHERN FUR SEALS. *Mammal Rev.* 11(1):31-35. Mar. 1981. WR 183
[Sea Res. Foundation, Inc., Mystic Marinelife Aquarium, Mystic, CT 06355] *Callorhinus ursinus*.

81-007767 Spotte, Stephen and Gary Adams. FEEDING RATE OF CAPTIVE ADULT FEMALE NORTHERN FUR SEALS, *CALLORHINUS URSINUS*. *U.S. Natl. Mar. Fish. Serv. Bull.* 79(1):182-184. Jan. 1981. WR 183
[Sea Res. Foundation, Inc., Mystic Marinelife Aquarium, Mystic, CT 06355]

81-007768 Tracy, Stephen D. PREY SPECIES OF HARBOR SEALS IN THE COLUMBIA RIVER ESTUARY. *Estuaries* 4(3):276. Sept. 1981. Abstract only. WR 183
Phoca vitulina.

81-007769 Treacy, Stephen D. and Thomas W. Crawford. RETRIEVAL OF OTOLITHS AND STATOLITHS FROM GASTROINTESTINAL CONTENTS AND SCATS OF MARINE MAMMALS. *J. Wildl. Manage.* 45(4):990-993. Oct. 1981. WR 183
[Washington Game Dep., Astoria, OR 97103]

81-007770 Voronov, V. G. and G. A. Voronov. [RESTORED RANGE AND FINDINGS OF WALRUSES (*ODOBENUS ROSMARUS*) IN THE SEA OF OKHOTSK.] *Zool. Zh.* 60(7):1117-1119. July 1981. In Russian with English summ. WR 183
[Sakhalin Complex Res. Inst., Far East Sci. Cent., USSR Acad. Sci., Nova-Aleksandrovsk, USSR]

81-007771 Wade, L. S. CENSUS OF HARBOR SEALS, *PHOCA VITULINA*, IN SAN LUIS OBISPO COUNTY, CALIFORNIA, 1972-1973. *Calif. Fish Game* 67(2):126-129. Apr. 1981. WR 183
[P.O. Box 4455, Arcata, CA 93430]

81-007772 Watkins, William A.; Guiseppe N. di Sciara and Karen E. Moore. OBSERVATIONS AND RADIO TAGGING OF *BALAENOPTERA EDENI* NEAR PUERTO LA CRUZ, VENEZUELA. *Woods Hole Oceangr. Inst. Rep.* WHOI-79-89. 14p. 1979. From Ecol. Abstr. 1981/2:81L/1604. 1981. WR 183

UNGULATES--GENERAL

81-007773 Caughley, Graeme. COMMENTS ON NATURAL REGULATION OF UNGULATES, (WHAT CONSTITUTES A REAL WILDERNESS?). *Wildl. Soc. Bull.* 9(3):232-234. 1981. WR 183
[CSIRO, Div. Wildl. Res., Box 84, Lyneham, A.C.T. 2602 Australia]

81-007774 Hardwicke, Andrew Charles Snydelaar. LA LENGUA AZUL. [BLUE TONGUE.] *Vet. México* 11(3):75-81. July-Sept. 1980. In Spanish. WR 183
[33-D University Village West, Fort Collins, CO 80521] *Odocoileus virginianus, Cervus canadensis* and *Antilocapra americana*.

81-007775 Lightfoot, C. J. and R. A. I. Norval. TICK PROBLEMS IN WILDLIFE IN ZIMBABWE. 1. THE EFFECTS OF TICK PARASITISM ON WILD UNGULATES. *S. Afr. J. Wildl. Res.* 11(2):41-45. 1981. In English with Afrikaans summ. WR 183
[Dep. Natl. Parks & Wildl. Manage., Bulawayo, Zimbabwe]

81-007776 Peek, James M. COMMENTS ON CAUGHLEY'S COMMENT. *Wildl. Soc. Bull.* 9(3):234-237. 1981. WR 183
[Wildl. Resour., Univ. Idaho, Moscow 83843] Comments on Caughley's paper above.

81-007777 Robbins, Charles T. and Barbara L. Robbins. FETAL AND NEONATAL GROWTH PATTERNS AND MATERNAL REPRODUCTIVE EFFORT IN UNGULATES AND SUBUNGULATES. *Am. Nat.* 114(1):101-116. July 1979. WR 183
[Dep. Zool., Wash. State Univ., Pullman 99164]

81-007778 Scotter, George W. MANAGEMENT OF WILD UNGULATE HABITAT IN THE WESTERN UNITED STATES AND CANADA: A REVIEW. *J. Range Manage.* 33(1):16-27. Jan. 1980. WR 183
[Canadian Wildl. Serv., Western & Northern Region, Rm. 1000, 9942 108 St., Edmonton, Alberta, Canada T5K 2J5]

81-007779 Vincent, D. and A. Gunn. POPULATION INCREASE OF MUSKOXEN ON BANKS ISLAND AND IMPLICATIONS FOR COMPETITION WITH PEARY CARIBOU. *Arctic* 34(2):175-179. June 1981. In English with French summ. WR 183
[Wildl. Serv., Govt. Northwest Territories, Yellowknife, Northwest Territories, Canada X1A 2L9] *Ovis moschatus* and *Rangifer tarandus pearyi*.

CERVIDS--GENERAL

81-007780 Ryman, Nils; Ramone Baccus; Christina Reuterwall and Michael H. Smith. EFFECTIVE POPULATION SIZE, GENERATION INTERVAL, AND POTENTIAL LOSS OF GENETIC VARIABILITY IN GAME SPECIES UNDER DIFFERENT HUNTING REGIMES. *Oikos* 36(3):257-266. Mar. 1981. In English with Russian summ. WR 183
[Dep. Genetics, Univ. Stockholm, Box 6801, S-113 86 Stockholm, Sweden] *Alces alces* and *Odocoileus virginianus*.

ODOCOILEUS

81-007781 Arnold, Leroy A., Jr. and D. Lynn Drawe. SEASONAL FOOD HABITS OF WHITE-TAILED DEER IN THE SOUTH TEXAS PLAINS. *J. Range Manage.* 32(3):175-178. May 1979. WR 183
[L&L Company, Box 152, D'Hanis, TX 78850] *Odocoileus virginianus.*

81-007782 Arthur, W. J. III and A. W. Alldredge. SOIL INGESTION BY MULE DEER IN NORTHCENTRAL COLORADO. *J. Range Manage.* 32(1):67-71. Jan. 1979. WR 183
[U.S. Dep. Energy, Environ. Sci. Branch, Idaho Natl. Engineering Lab., Idaho Falls 83401] *Odocoileus hemionus.*

81-007783 Bartmann, Richard M. and Steven F. Steinert. DISTRIBUTION AND MOVEMENTS OF MULE DEER IN THE WHITE RIVER DRAINAGE, COLORADO. *Colo. Div. Wildl. Spec. Rep.* No. 51. vi + 12p. Aug. 1981. Price $1.00. WR 183
Odocoileus hemionus.

81-007784 Cogley, Thomas P. and John R. Anderson. INVASION OF BLACK-TAILED DEER BY NOSE BOT FLY LARVAE (DIPTERA: OESTRIDAE: OESTRINAE). *Int. J. Parasitol.* 11(4):281-286. Aug. 1981. WR 183
[Dep. Entomol. & Parasitol., Univ. Calif., Berkeley 94720] *Odocoileus hemionus columbianus.*

81-007785 Collins, William B. and Philip J. Urness. HABITAT PREFERENCES OF MULE DEER AS RATED BY PELLET-GROUP DISTRIBUTIONS. *J. Wildl. Manage.* 45(4):969-972. Oct. 1981. WR 183
[Agric. Exp. Stn., Univ. Alaska, Palmer 99645] *Odocoileus hemionus.*

81-007786 Day, Gerald I. CHARACTERISTICS AND MEASUREMENTS OF CAPTIVE HYBRID DEER IN ARIZONA. *Southwest. Nat.* 25(3):434-438. 14 Nov. 1980. WR 183
[5971 East 17th St., Tucson, AZ 85711] *Odocoileus hemionus crooki* and *O. virginianus couesi.*

81-007787 Finger, Susan E.; I. Lehr Brisbin, Jr.; Michael H. Smith and David F. Urbston. KIDNEY FAT AS A PREDICTOR OF BODY CONDITION IN WHITE-TAILED DEER. *J. Wildl. Manage.* 45(4):964-968. Oct. 1981. WR 183
[Columbia Natl. Fisheries Res. Lab., RR 1, Columbia, MO 65201] *Odocoileus virginianus* in South Carolina.

81-007788 Geduldig, Howard L. SUMMER HOME RANGE OF MULE DEER FAWNS. *J. Wildl. Manage.* 45(3):726-728. July 1981. WR 183
[Colo. Div. Wildl., Fort Collins 80526] *Odocoileus hemionus* in Colorado.

81-007789 Gladfelter, Lee. DEER IN IOWA--1980. *Iowa Conserv. Comm. Wildl. Res. Bull.* No. 31. vi + 23p. Aug. 1981. WR 183
Odocoileus virginianus.

81-007790 Glover, Ronald L. DETECTING LEAD IN "ARROW" WOUNDS IN DEER USING RHODIZONIC ACID. *Wildl. Soc. Bull.* 9(3):216-219. 1981. WR 183
[Mo. Dep. Conserv., Columbia 65201] *Odocoileus virginianus.*

ODOCOILEUS (CONTINUED)

81-007791 Jones, R. H.; A. J. Luedke; T. E. Walton and H. E. Metcalf. BLUETONGUE IN THE UNITED STATES AN ENTOMOLOGICAL PERSPECTIVE TOWARD CONTROL. *World Anim. Rev.* no. 38. p. 2-8. 1981. WR 183
[Arthropod-Borne Anim. Dis. Res. Lab., P.O. Box 25327, Denver, CO 80225] *Odocoileus virginianus.*

81-007792 Kasworm, W. DISTRIBUTION AND POPULATION CHARACTERISTICS OF MULE DEER ALONG THE EAST FRONT, NORTHCENTRAL MONTANA. *M.S. thesis, Mont. State Univ.* 73p. 1981. WR 183
Odocoileus hemionus.--Courtesy/Robert L. Eng.

81-007793 Kautz, Marie A.; William W. Mautz and Len H. Carpenter. HEART RATE AS A PREDICTOR OF ENERGY EXPENDITURE OF MULE DEER. *J. Wildl. Manage.* 45(3):715-720. July 1981. WR 183
[N.Y. State Dep. Environ. Conserv., Wildl. Res. Cent., Delmar 12054] *Odocoileus hemionus.*

81-007794 Kie, John G.; D. Lynn Drawe and Gretchen Scott. CHANGES IN DIET AND NUTRITION WITH INCREASED HERD SIZE IN TEXAS WHITE-TAILED DEER. *J. Range Manage.* 33(1):28-34. Jan. 1980. WR 183
[Dep. Agron. & Range Sci., Univ. Calif., Davis 95616] *Odocoileus virginianus texanus.*

81-007795 Kinsey, Charles. TESTS OF TWO ELECTRIC DEER BARRIER FORMS. *Minn. Wildl. Res. Q.* 36(3):122-138. July 1976. WR 183
[For. Wildl. Populations & Res. Group, Minn. Dep. Nat. Resour., Grand Rapids 55744] *Odocoileus virginianus* in Minnesota.

81-007796 LaGory, Kirk E. THE POSSIBLE COMMUNICATIVE ROLE OF TAIL-FLICKING IN WHITE-TAILED DEER. *Anim. Behav.* 29(3):966. Aug. 1981. WR 183
[Savannah River Ecol. Lab., P.O. Drawer E, Aiken, SC 29801] *Odocoileus virginianus.*

81-007797 Langenau, Edward E., Jr.; Richard J. Moran; James R. Terry and David C. Cue. RELATIONSHIP BETWEEN DEER KILL AND RATINGS OF THE HUNT. *J. Wildl. Manage.* 45(4):959-964. Oct. 1981. WR 183
[Mich. Dep. Nat. Resour., Rose Lake Wildl. Res. Cent., East Lansing 48823] *Odocoileus virginianus* in Michigan.

81-007798 McGhee, Michael B.; Victor F. Nettles; Edward A. Rollor III; Annie K. Prestwood and William R. Davidson. STUDIES ON CROSS-TRANSMISSION AND PATHOGENICITY OF *HAEMONCHUS CONTORTUS* IN WHITE-TAILED DEER, DOMESTIC CATTLE AND SHEEP. *J. Wildl. Dis.* 17(3):353-364. July 1981. WR 183
[Southeast. Coop. Wildl. Dis. Study, Dep. Parasitol., Coll. Vet. Med., Univ. Ga., Athens 30602] *Odocoileus virginianus.*

81-007799 Owen, Robert. CLASSIFICATION OF MULE DEER HABITAT USING BIOPHYSICAL VARIABLES. *M.S. thesis, Univ. Nev. (Reno)* 132p. 1980. From Masters Abstr. 19(2):108. June 1981. WR 183
Odocoileus hemionus.

81-007800 Picone, J.; J. F. Williams; R. Wesley Leid and L. D. Fay. POLYCYSTIC LIVER IN FOUR WHITE-TAILED DEER. *J. Wildl. Dis.* 17(3):395-400. July 1981. WR 183

ODOCOILEUS (CONTINUED)

81-007800 CONTINUED
[Dep. Microbiol. & Public Health, Mich. State Univ., East Lansing 48824] *Odocoileus virginianus* in Michigan.

81-007801 Pils, Charles M. THE WHITE-TAILED DEER IN GOVERNOR DODGE STATE PARK. *Wis. Dep. Nat. Resour. Res. Rep.* 109:1-20. Oct. 1981. WR 183
[Wis. Dep. Nat. Resour., Madison] *Odocoileus virginianus.*

81-007802 Quinton, Dee A.; Ronald G. Horejsi and Jerran T. Flinders. INFLUENCE OF BRUSH CONTROL ON WHITE-TAILED DEER DIETS IN NORTH-CENTRAL TEXAS. *J. Range Manage.* 32(2):93-97. Mar. 1979. WR 183
[Agric. Canada Res. Stn., Kamloops, British Columbia, Canada V2B 8A9] *Odocoileus virginianus.*

81-007803 Reed, Dale F. and Thomas N. Woodard. EFFECTIVENESS OF HIGHWAY LIGHTING IN REDUCING DEER-VEHICLE ACCIDENTS. *J. Wildl. Manage.* 45(3):721-726. July 1981. WR 183
[Colo. Div. Wildl., 3671 Ward Rd., Wheat Ridge 80033] *Odocoileus hemionus* in Colorado.

81-007804 Rosgaard, A. ECOLOGY OF THE MULE DEER ASSOCIATED WITH THE BRACKETT CREEK WINTER RANGE IN THE BRIDGER MOUNTAINS. *M.S. thesis, Mont. State Univ.* 76p. 1981. WR 183
Odocoileus hemionus.--Courtesy/Robert L. Eng.

81-007805 Sczerzenie, Philip James. AN ECOLOGICAL APPROACH TO DEER MANAGEMENT IN MASSACHUSETTS. *Ph.D. dissertation, Univ. Mass.* 220p. 1981. From Diss. Abstr. Int. B Sci. Eng. 42(3):850. Sept. 1981. WR 183
Odocoileus virginianus.

81-007806 Shung, K. K.; M. Rocco and J. O. Ballard III. ULTRASONIC ABSORPTION IN DEER BLOOD. *J. Acoust. Soc. Am.* 70(3):664-668. Sept. 1981. WR 183
[Coll. Eng., Pa. State Univ., University Park 16802] *Odocoileus virginianus.*

81-007807 Smith, Michael A.; John C. Malechek and Kenneth O. Fulgham. FORAGE SELECTION BY MULE DEER ON WINTER RANGE GRAZED BY SHEEP IN SPRING. *J. Range Manage.* 32(1):40-45. Jan. 1979. WR 183
[Angelo State Univ., San Angelo, TX 76901] *Odocoileus hemionus hemionus* in Utah.

81-007808 Steuter, Allen A. and Henry A. Wright. WHITE-TAILED DEER DENSITIES AND BRUSH COVER ON THE RIO GRANDE PLAIN. *J. Range Manage.* 33(5):328-331. Sept. 1980. WR 183
[Dep. Range & Wildl. Manage., Tex. Tech Univ., Lubbock 79409] *Odocoileus virginianus* in Texas.

81-007809 Sturgis, Harold and David de Calesta. THE MAC FOREST DEER HUNT: A SECOND LOOK. *Oreg. Wildl.* 36(9):3-8. Sept. 1981. WR 183
[Oreg. Fish & Wildl. Dep., Portland] *Odocoileus hemionus.*

ODOCOILEUS (CONTINUED)

81-007810 Townsend, Thomas W. and Edward D. Bailey. EFFECTS OF AGE, SEX AND WEIGHT ON SOCIAL RANK IN PENNED WHITE-TAILED DEER. *Am. Midl. Nat.* 106(1):92-101. July 1981. WR 183
[School Nat. Resour., Ohio State Univ., Columbus 43210] *Odocoileus virginianus borealis* in Canada.

81-007811 Verme, Louis J. and John J. Ozoga. SEX RATIO OF WHITE-TAILED DEER AND THE ESTRUS CYCLE. *J. Wildl. Manage.* 45(3):710-715. July 1981. WR 183
[Mich. Dep. Nat. Resour., Shingleton 49884] *Odocoileus virginianus.*

81-007812 Warren, Robert J. and James B. Whelan. URINE SAMPLING TECHNIQUES FOR CAPTIVE WHITE-TAILED DEER. *J. Wildl. Dis.* 17(3):479-483. July 1981. WR 183
[Dep. Range & Wildl. Manage., Tex. Tech Univ., Lubbock 79409] *Odocoileus virginianus.*

81-007813 Warren, Robert J.; Roy L. Kirkpatrick; Anne Oelschlaeger; Patrick F. Scanlon and Francis C. Gwazdauskas. DIETARY AND SEASONAL INFLUENCES ON NUTRITIONAL INDICES OF ADULT MALE WHITE-TAILED DEER. *J. Wildl. Manage.* 45(4):926-936. Oct. 1981. WR 183
[Dep. Range & Wildl. Manage., Tex. Tech Univ., Lubbock 79409] *Odocoileus virginianus.*

81-007814 Whitenack, Delbert L.; Anthony E. Castro and A. Alan Kocan. EXPERIMENTAL MALIGNANT CATARRHAL FEVER (AFRICAN FORM) IN WHITE-TAILED DEER. *J. Wildl. Dis.* 17(3):443-451. July 1981. WR 183
[Coll. Vet. Med., Okla. State Univ., Stillwater 74078] *Odocoileus virginianus.*

81-007815 Whiteside, Richard W.; David C. Guynn, Jr. and Harry A. Jacobson. CHARACTERISTICS AND EXPENDITURES OF DEER HUNTERS USING TWO AREAS IN MISSISSIPPI. *Wildl. Soc. Bull.* 9(3):226-229. 1981. WR 183
[Dep. Range & Wildl. Manage., Tex. Tech Univ., Lubbock 70406] *Odocoileus virginianus.*

81-007816 Willms, W.; A. McLean; R. Tucker and R. Ritcey. INTERACTIONS BETWEEN MULE DEER AND CATTLE ON BIG SAGEBRUSH RANGE IN BRITISH COLUMBIA. *J. Range Manage.* 32(4):299-304. July 1979. WR 183
Odocoileus hemionus.

81-007817 Zwank, Phillip J. EFFECTS OF FIELD LAPAROTOMY ON SURVIVAL AND REPRODUCTION OF MULE DEER. *J. Wildl. Manage.* 45(4):972-975. Oct. 1981. WR 183
[Coop. Wildl. Res. Unit, Utah State Univ., Logan 84321] *Odocoileus hemionus* in Utah.

OTHER CERVIDS

81-007818 Adams, Layne G. and Matthew H. Robus. CARIBOU AND DOMESTIC REINDEER GRAZING ON PUBLIC LANDS IN ALASKA: INTRODUCTION TO A UNIQUE MANAGEMENT PROBLEM. *Proc. Alaska Sci. Conf. (Fairbanks)* 32:109. 1981.

OTHER CERVIDS (CONTINUED)

81-007818 CONTINUED Abstract only. WR 183
[Bur. Land Manage., Fairbanks, AK 99707] *Rangifer tarandus.*

81-007819 Ballard, Warren B. and Robert W. Tobey. DECREASED CALF PRODUCTION OF MOOSE IMMOBILIZED WITH ANECTINE ADMINISTERED FROM HELICOPTER. *Wildl. Soc. Bull.* 9(3):207-209. 1981. WR 183
[Alaska Dep. Fish & Game, P.O. Box 47, Glennallen 99588] *Alces alces* in Alaska.

81-007820 Belovsky, Gary E. FOOD PLANT SELECTION BY A GENERALIST HERBIVORE: THE MOOSE. *Ecology* 62(4):1020-1030. Aug. 1981. WR 183
[School Nat. Resour., Univ. Mich., Ann Arbor 48109] *Alces alces* in Michigan.

81-007821 Belovsky, Gary E. A POSSIBLE POPULATION RESPONSE OF MOOSE TO SODIUM AVAILABILITY. *J. Mammal.* 62(3):631-633. 20 Aug. 1981. WR 183
[School Nat. Resour., Univ. Mich., Ann Arbor 48109] *Alces alces* in Michigan.

81-007822 Belovsky, Gary E. and Peter A. Jordan. SODIUM DYNAMICS AND ADAPTATIONS OF A MOOSE POPULATION. *J. Mammal.* 62(3):613-621. 20 Aug. 1981. WR 183
[School Nat. Resour., Univ. Mich., Ann Arbor 48109] *Alces alces* in Michigan.

81-007823 Blanchard, J. M.; W. E. Hauer; D. F. Holleman and J. R. Luick. THE EFFECTS OF SUPPLEMENTAL FEEDING OF DELTA BARLEY ON BODY WEIGHT OF FREE-FORAGING REINDEER. *Proc. Alaska Sci. Conf. (Fairbanks)* 32:111-112. 1981. Abstract only. WR 183
[Inst. Arctic Biol., Univ. Alaska, Fairbanks 99701] *Rangifer tarandus* in Alaska.

81-007824 Borges da Rocha, Mario; Lucia Baldacci and Faical Simon. AN UNUSUAL SITE OF *CORYNEBACTERIUM RENALE* INFECTION IN A DEER. *Vet. Med. Small Anim. Clin.* 76(10):1460-1461. Oct. 1981. WR 183
[Fundacão Parque Zool. São Paulo, P.O. Box 12954, São Paulo, Brazil] *Mazama simplicicornis* in Brazil.

81-007825 Bowyer, R. Terry. ACTIVITY, MOVEMENT, AND DISTRIBUTION OF ROOSEVELT ELK DURING RUT. *J. Mammal.* 62(3):574-582. 20 Aug. 1981. WR 183
[Cent. Environ. Sci., Unity Coll., Unity, ME 04988] *Cervus elaphus roosevelti* in California.

81-007826 Cederlund, Göran. DAILY AND SEASONAL ACTIVITY PATTERN OF ROE DEER IN A BOREAL HABITAT. *Viltrevy (Stockh.)* 11(8):315-353. 1981. In English with Swedish summ. WR 183
Capreolus capreolus in Sweden.

81-007827 Clausen, B.; A. Dam; K. Elvestad; H. V. Krogh and H. Thing. SUMMER MORTALITY AMONG CARIBOU CALVES IN WEST GREENLAND. *Nord. Veterinærmed.* 32:291-300. 1980. In English with Norwegian summ. WR 183
[Bülowsvej 27, 1870 Copenhagen V, Denmark] *Rangifer tarandus.*

OTHER CERVIDS (CONTINUED)

81-007828 Colwell, D. D. and J. L. Mahrt. ULTRASTRUCTURE OF THE CYST WALL AND MEROZOITES OF *SARCOCYSTIS* FROM MOOSE (*ALCES ALCES*) IN ALBERTA, CANADA. *Z. Parasitenkd.* 65(3):317-329. Sept. 1981. WR 183
[Mahrt: Dep. Zool., Univ. Alberta, Edmonton, Alberta, Canada]

81-007829 Crête, Michel; Robert J. Taylor and Peter A. Jordan. OPTIMIZATION OF MOOSE HARVEST IN SOUTHWESTERN QUEBEC. *J. Wildl. Manage.* 45(3):598-611. July 1981. WR 183
[Minist. du Loisir, de la Chasse & de la Pêche, 9530 Rue de la Faune, Orsainsville, Quebec, Canada G1G 5E5] *Alces alces.*

81-007830 Dieterich, Robert A. CONTROL OF BRUCELLOSIS IN ALASKAN REINDEER. *Proc. Alaska Sci. Conf. (Fairbanks)* 32:112-113. 1981. Abstract only. WR 183
[Inst. Arctic Biol., Univ. Alaska, Fairbanks 99701] *Rangifer tarandus.*

81-007831 Eiberle, K. METHODISCHE GRUNDLAGEN DER ZUWACHSERMITTLUNG BEIM REHWILD. [THE PRINCIPLES OF A METHOD OF MEASURING INCREASE IN ROE DEER.] *Schweiz. Z. Forstwes.* 132(9):751-766. Sept. 1981. In German with French summ. WR 183
[Inst. Wald- & Holzforschung, ETH Zürich Fachbereich Waldbau, Zürich, Switzerland] *Capreolus capreolus.*

81-007832 Fraser, D.; D. Arthur; J. K. Morton and B. K. Thompson. AQUATIC FEEDING BY MOOSE *ALCES ALCES* IN A CANADIAN LAKE. *Holarctic Ecol.* 3(3):218-223. 1980. From Ecol. Abstr. 1981/2:81L/2426. 1981. WR 183

81-007833 Fuller, Todd K. and Lloyd B. Keith. IMMOBILIZATION OF WOODLAND CARIBOU WITH ETORPHINE. *J. Wildl. Manage.* 45(3):745-748. July 1981. WR 183
[Dep. Wildl. Ecol., Univ. Wis., Madison 53706] *Rangifer tarandus caribou* in Canada.

81-007834 Geisel, O. SELTENE ENDOMYKOSEN BEIM REH. [RARE ENDOMYCOSIS IN ROE DEER.] *Z. Jagdwiss.* 27(2):132-135. June 1981. In German with French and English summ. WR 183
[Inst. Tierpathol., Univ. Munich, Munich, West Germany] *Capreolus capreolus.*

81-007835 Hanuš, Václav and Zdeněk Fišer. TĚLESNÝ VÝVOJ SRNČÍ ZVĚŘE. [BODY DEVELOPMENT OF ROE DEER.] *Práce VÚLHM* 58:191-212. 1981. In Czech with Russian and English summ. WR 183
[VÚLHM, Jíloviště-Strnady, Czechoslovakia] *Capreolus capreolus* in Czechoslovakia.

81-007836 Hauge, Thomas M. and Lloyd B. Keith. DYNAMICS OF MOOSE POPULATIONS IN NORTHEASTERN ALBERTA. *J. Wildl. Manage.* 45(3):573-597. July 1981. WR 183
[Dep. Wildl. Ecol., Univ. Wis., Madison 53706] *Alces alces.*

81-007837 Henry, Byron A. M. DISTRIBUTION PATTERNS OF ROE DEER (*CAPREOLUS CAPREOLUS*) RELATED TO THE AVAILABILITY OF FOOD AND COVER. *J. Zool. (Lond.)* 194(2):271-275. June 1981. WR 183
[Sherborne School, Sherborne, Dorset, England]

OTHER CERVIDS (CONTINUED)

81-007838 Hinkes, Michael T. and Bruce H. Campbell. CARIBOU WINTER UTILIZATION OF BURNED HABITATS ON THE BEAR CREEK FIRE AREA IN INTERIOR ALASKA. *Proc. Alaska Sci. Conf. (Fairbanks)* 32:123-134. 1981. Abstract only. WR 183
[Bur. Land Manage., Anchorage, AK 99504] *Rangifer tarandus.*

81-007839 Hoefs, M. AUSWERTUNG DER REHWILDSTRECKEN UND FALLWILDANGABEN AUS FÜNF KREISEN DES LANDES NORDRHEIN-WESTFALEN UNTER BESONDERER BERÜCKSICHTIGUNG DER UNTERSTELLTEN GESCHLECHTERVERHÄLTNISSE. [ASSESSMENT OF THE ROE DEER HARVEST AND NATURAL MORTALITY REPORTS FROM FIVE ADMINISTRATIVE DISTRICTS IN NORDRHEIN-WESTFALEN, WITH SPECIAL REFERENCE TO THE REPORTED SEX RATIOS.] *Z. Jagdwiss.* 27(2):109-124. June 1981. In German with French and English summ. WR 183
Capreolus capreolus in West Germany.

81-007840 Horejsi, Brian L. BEHAVIORAL RESPONSE OF BARREN GROUND CARIBOU TO A MOVING VEHICLE. *Arctic* 34(2):180-185. June 1981. In English with French summ. WR 183
[Fac. Environ. Design, Univ. Calgary, Calgary, Alberta, Canada T2N 4L7] *Rangifer tarandus granti* in Canada.

81-007841 Hosey, G. R. ANNUAL FOODS OF THE ROE DEER (*CAPREOLUS CAPREOLUS*) IN THE SOUTH OF ENGLAND. *J. Zool. (Lond.)* 194(2):276-278. June 1981. WR 183
[Dep. Sci., Bolton Inst. Technol., Bolton, Lancs., England]

81-007842 Jain, M. S. OBSERVATIONS ON BIRTH OF A MUSK DEER FAWN. *J. Bombay Nat. Hist. Soc.* 77(3):497-498. Dec. 1980. WR 183
[Wild Life Circle, Talland, Simla, H.P., India] *Moschus moschiferus.*

81-007843 Jeppesen, Johnny Lund and Finn Kristoffersen. DANSKE RÅBUKKEOPSATSER 1966-1977. [DANISH ROE-DEER HEADS 1966-1977.] *Dan. Vildtundersøgelser* No. 33. 36p. 1980. In Danish with English summ. WR 183
Capreolus capreolus.

81-007844 Kamis, Alias. WATER METABOLISM IN *TRAGULUS JAVANICUS*. *Malays. Appl. Biol.* 10(1):67-68. June 1981. WR 183
[Dep. Zool., Univ. Coll. Swansea, Swansea SA2 8PP, England]

81-007845 Karns, Patrick D. HEMATOLOGY AND BLOOD CHEMISTRY OF WOODLAND CARIBOU FROM SASAGINNIGAK LAKE, MANITOBA. *Minn. Wildl. Res. Q.* 36(3):139-160. July 1976. WR 183
[For. Wildl. Populations & Res. Group, Minn. Dep. Nat. Resour., Grand Rapids 55744] *Rangifer tarandus caribou.*

81-007846 Kudryashova, L. M. EFFECT OF UNFAVORABLE WEATHER CONDITIONS ON FEMALE FECUNDITY AND SURVIVAL OF THE YOUNG IN THE MOOSE. *Sov. J. Ecol. (Engl. Transl. Ékologiya)* 11(5):305-308. Sept.-Oct. 1980. Translated from Ékologiya No. 5. p. 63-67. Sept.-Oct. 1980. WR 183
Alces alces in USSR.

OTHER CERVIDS (CONTINUED)

81-007847 Lieb, James William. ACTIVITY, HEART RATE, AND ASSOCIATED ENERGY EXPENDITURE OF ELK IN WESTERN MONTANA. *Ph.D. dissertation, Univ. Mont.* 213p. 1981. From Diss. Abstr. Int. B Sci. Eng. 42(3):848. Sept. 1981. WR 183
Cervus elaphus.

81-007848 Linkswiler, C. ACTIVITY PATTERNS OF MOOSE IN MT. MCKINLEY NATIONAL PARK. *Proc. Alaska Sci. Conf.* 31:105. Sept. 1980. Abstract only. WR 183
[Coop. Wildl. Res. Unit., Univ. Alaska, Fairbanks 99701] *Alces alces* in Alaska.

81-007849 Luick, Bret R. and Robert G. White. STUDIES ON THE ENERGY EXPENDITURE OF CARIBOU CALVES. *Proc. Alaska Sci. Conf. (Fairbanks)* 32:70. 1981. Abstract only. WR 183
[Inst. Arctic Biol., Univ. Alaska, Fairbanks 99701] *Rangifer tarandus granti.*

81-007850 Luick, Jack R. MANAGEMENT PROBLEMS ASSOCIATED WITH THE HANDLING OF REINDEER IN SUMMER. *Proc. Alaska Sci. Conf. (Fairbanks)* 32:111. 1981. Abstract only. WR 183
[Inst. Arctic Biol., Univ. Alaska, Fairbanks 99701] *Rangifer tarandus* in Alaska.

81-007851 Lynch, G. M. and J. A. Hanson. USE OF ETORPHINE TO IMMOBILIZE MOOSE. *J. Wildl. Manage.* 45(4):981-985. Oct. 1981. WR 183
[Alberta Fish & Wildl. Div., 6909 116 St., Edmonton, Alberta, Canada T6H 4P2] *Alces alces* in Canada.

81-007852 Martini, H. DIE UNTERKIEFERLÄNGEN DER REHBÖCKE EINER JAHRESSTRECKE DES SAARLÄNDISCHEN SAAR-PFALZ-KREISES. [LOWER JAW LENGTH OF THE ROE BUCKS IN AN ANNUAL BAG OF THE SAAR-PFALZ HUNTING DISTRICT IN THE SAARLAND.] *Z. Jagdwiss.* 27(2):81-90. June 1981. In German with French and English summ. WR 183
Capreolus capreolus.

81-007853 Milan, Fred A. REINDEER HUSBANDRY IN THE YUKON-KUSKOKWIM AREA: STUDIES OF THE PAST AND PREDICTIONS FOR THE FUTURE. *Proc. Alaska Sci. Conf. (Fairbanks)* 32:109. 1981. Abstract only. WR 183
[Inst. Arctic Biol., Univ. Alaska, Fairbanks 99701] *Rangifer tarandus.*

81-007854 Mitchell, Brian; William Grant and John Cubby. NOTES ON THE PERFORMANCE OF RED DEER, *CERVUS ELAPHUS*, IN A WOODLAND HABITAT. *J. Zool. (Lond.)* 194(2):279-284. June 1981. WR 183
[Inst. Terrestrial Ecol., Banchory Res. Stn., Banchory, Kincardineshire, Scotland]

81-007855 Miura, Shingo. SOCIAL BEHAVIOUR OF THE AXIS DEER DURING THE DRY SEASON IN GUINDY SANCTUARY, MADRAS. *J. Bombay Nat. Hist. Soc.* 78(1):125-138. Apr. 1981. WR 183
[Lab. Biol., Hyogo Coll. Med., Nishinomiya, Hyogo, Japan] *Axis axis.*

81-007856 Mossing, Torgny and Lollo Källquist. VARIATION IN CUTANEOUS GLANDULAR STRUCTURES IN REINDEER (*RANGIFER TARANDUS*). *J. Mammal.* 62(3):606-612. 20 Aug. 1981. WR 183
[Dep. Ecol. Zool., Univ. Umeå, Umeå, Sweden]

OTHER CERVIDS (CONTINUED)

81-007857 Nieminen, Mauri. SUOMENSELÄN PEURAHISTORIIKKI. [THE HISTORY OF THE WILD FOREST DEER IN SUOMENSELKÄ.] *Suomen Luonto* 39(2):51-56, 95. 1980. In Finnish with English summ. WR 183
Rangifer tarandus fennicus in Finland.

81-007858 Paloheimo, J. E. and D. Fraser. ESTIMATION OF HARVEST RATE AND VULNERABILITY FROM AGE AND SEX DATA. *J. Wildl. Manage.* 45(4):948-958. Oct. 1981. WR 183
[Dep. Zool., Univ. Toronto, Toronto, Ontario, Canada M5S 1A1] *Alces alces* in Canada.

81-007859 Papageorgiou, Nicolaos; Christos Neophytou; Alexandros Spais and Constantinos Vavalekas. FOOD PREFERENCES, AND PROTEIN AND ENERGY REQUIREMENTS FOR MAINTENANCE OF ROE DEER. *J. Wildl. Manage.* 45(3):728-733. July 1981. WR 183
[Lab. Wildl. & Fisheries, School Agric. & For., Univ. Thessaloniki, Thessaloniki, Greece] *Capreolus capreolus* in France.

81-007860 Parker, G. R. and L. D. Morton. THE ESTIMATION OF WINTER FORAGE AND ITS USE BY MOOSE ON CLEARCUTS IN NORTHCENTRAL NEWFOUNDLAND. *J. Range Manage.* 31(4):300-304. July 1978. WR 183
[Canadian Wildl. Serv., Sackville, New Brunswick, Canada] *Alces alces americana.*

81-007861 Pereladova, O. B. and R. A. Oko. [SITUATIONAL CHANGES OF TEMPORAL CHARACTERISTICS OF RED DEER ALARM CALLS.] *Biol. Nauki (Mosc.)* 1981(8):40-46. 1981. In Russian. WR 183
Cervus elaphus.

81-007862 Prowse, Darlene. DENSITY AND THE RATIO OF COMPACT OF CANCELLOUS BONE OF ANTLERS OF THE GENUS *RANGIFER. Proc. Alaska Sci. Conf. (Fairbanks)* 32:76. 1981. Abstract only. WR 183
[Biol. Dep., Univ. Alaska, Fairbanks 99701]

81-007863 Rathore, B. S. and S. S. Khera. CAUSES OF DEER MORTALITY IN INDIA. *J. Bombay Nat. Hist. Soc.* 78(1):156-159. Apr. 1981. WR 183
[Scientist S-2, Indian Vet. Res. Inst., Hebbal, Bangalore-560 024, India] Data for 11 spp. of deer.

81-007864 Reuterwall, Christina. TEMPORAL AND SPATIAL VARIABILITY OF THE CALF SEX RATIO IN SCANDINAVIAN MOOSE *ALCES ALCES. Oikos* 37(1):39-45. July 1981. In English with Russian summ. WR 183
[Dep. Genetics, Univ. Stockholm, Box 6801, S-113 86 Stockholm, Sweden]

81-007865 Ringberg, Tata M.; Robert G. White; Dan F. Holleman and Jack R. Luick. BODY GROWTH AND CARCASS COMPOSITION OF LEAN REINDEER (*RANGIFER TARANDUS TARANDUS* L.) FROM BIRTH TO SEXUAL MATURITY. *Can. J. Zool.* 59(6):1040-1044. June 1981. In English with French summ. WR 183
[Inst. Arctic Biol., Univ. Alaska, Fairbanks 99701]

OTHER CERVIDS (CONTINUED)

81-007866 Robbins, C. T. and L. M. Koger. PREVENTION AND STIMULATION OF ANTLER GROWTH BY INJECTIONS OF CALCIUM CHLORIDE. *J. Wildl. Manage.* 45(3):733-737. July 1981. WR 183
[Dep. Zool., Wash. State Univ., Pullman 99164] *Cervus elaphus.*

81-007867 Robus, Matthew H.; Layne G. Adams and Bruce A. Connery. CARIBOU AND DOMESTIC REINDEER GRAZING ON PUBLIC LANDS IN ALASKA: ANALYSIS OF THE BUCKLAND RIVER CONFLICT. *Proc. Alaska Sci. Conf. (Fairbanks)* 32:110-111. 1981. Abstract only. WR 183
[Bur. Land Manage., Fairbanks, AK 99707] *Rangifer tarandus* in Alaska.

81-007868 Slee, Ken J. and Paul J. A. Presidente. BIOLOGICAL AND PATHOLOGICAL FEATURES OF SAMBAR IN VICTORIA. PART I. HAEMATOLOGY, BIOCHEMISTRY AND SEROLOGY. *Aust. Deer* 6(4):7-14. Aug. 1981. WR 183
[Dep. Agric., Regional Vet. Lab., P.O. Box 483, Bairnsdale, Victoria 3875, Australia] *Cervus unicolor* in Australia.

81-007869 Sobanskii, G. G. SELECTIVE ELIMINATION IN THE SIBERIAN STAG POPULATION IN THE ALTAIS AS A RESULT OF THE EARLY WINTER OF 1976/77. *Sov. J. Ecol. (Engl. Transl. Ékologiya)* 10(1):78-80. Jan.-Feb. 1979. Translated from Ékologiya No. 1. p. 99-101. Jan.-Feb. 1979. WR 183
Cervus elaphus sibiricus in USSR.

81-007870 Strandgaard, H. UNDERSØGELSER OVER VESTGRØNLANDS RENSDYR. [INVESTIGATIONS OF REINDEER IN WEST GREENLAND.] *Tidsskr. Grønland* No. 5. p. 145-152. 1980. In Danish. WR 183
Rangifer tarandus.

81-007871 Tankersley, Nancy. NATURAL MINERAL LICK USE BY MOOSE IN INTERIOR ALASKA. *Proc. Alaska Sci. Conf.* 31:107. Sept. 1980. Abstract only. WR 183
[Coop. Wildl. Res. Univ, Univ. Alaska, Fairbanks 99701] *Alces alces.*

81-007872 Thompson, Ian D.; M. F. Vukelich; H. Schachow and Milan Novak. COMPARISON OF NAVIGATING AND RECORDING SYSTEMS FOR AERIAL MOOSE SURVEYS. *J. Wildl. Manage.* 45(3):738-741. July 1981. WR 183
[Canadian Wildl. Serv., 1725 Woodward Dr., Ottawa, Ontario, Canada K1G 3Z7] *Alces alces* in Canada.

81-007873 Timisjärvi, Jouni; Mauri Nieminen and Esko Saari. HEMATOLOGICAL VALUES FOR REINDEER. *J. Wildl. Manage.* 45(4):976-981. Oct. 1981. WR 183
[Dep. Physiol., Univ. Oulu, Oulu, Finland] *Rangifer t. tarandus* in Finland.

81-007874 Tzipori, Saul; Kenneth W. Angus; Iris Campbell and David Sherwood. DIARRHEA IN YOUNG RED DEER ASSOCIATED WITH INFECTION WITH *CRYPTOSPORIDIUM. J. Infectious Dis.* 144(2):170-175. Aug. 1981. WR 183
[Vet. Res. Lab., "Attwood", Mickleham Rd., Westmeadows, Victoria 3047, Australia] *Cervus elaphus.*

OTHER CERVIDS (CONTINUED)

81-007875 White, Robert G. and Fred A. Milan. REINDEER HERDS OF THE KUSKOKWIM 1900-1930. *Proc. Alaska Sci. Conf. (Fairbanks)* 32:108. 1981. Abstract only. WR 183
[Inst. Arctic Biol., Univ. Alaska, Fairbanks 99701] *Rangifer tarandus.*

81-007876 Williams, Gary L. AN EXAMPLE OF SIMULATION MODELS AS DECISION TOOLS IN WILDLIFE MANAGEMENT. *Wildl. Soc. Bull.* 9(2):101-107. 1981. WR 183
[Dep. Entomol., Fisheries & Wildl., Univ. Minn., St. Paul 55108] *Cervus elaphus* in Oklahoma.

OTHER UNGULATES

81-007877 Amstrup, Steven C. and Thomas B. Segerstrom. IMMOBILIZING FREE-RANGING PRONGHORNS WITH POWDERED SUCCINYLCHOLINE CHLORIDE. *J. Wildl. Manage.* 45(3):741-745. July 1981. WR 183
[4454 Business Park Blvd., Anchorage, AK 99503] *Antilocapra americana.*

81-007878 Andere, D. K. WILDEBEEST *CONNOCHAETES TAURINUS* (BURCHELL) AND ITS FOOD SUPPLY IN AMBOSELI BASIN. *Afr. J. Ecol.* 19(3):239-250. Sept. 1981. WR 183
[Kenya Rangeland Ecol. Monitoring Unit, P.O. Box 47146, Nairobi, Kenya]

81-007879 Bagley, Clell V. and Thomas D. Bunch. PROCEDURES FOR COLLECTING AND PROCESSING BLOOD IN WILD SHEEP. *Desert Bighorn Council Trans. 1980.* p. 33-35. [1981.] WR 183
[Dep. Anim., Dairy & Veterinary Sci., Utah State Univ., Logan 84322] *Ovis canadensis.*

81-007880 Barrett, Morley W. EVALUATION OF FERTILIZER ON PRONGHORN WINTER RANGE IN ALBERTA. *J. Range Manage.* 32(1):55-59. Jan. 1979. WR 183
[Dep. Recreation Parks & Wildl., Fish Wildl. Div., Lethbridge, Alberta, Canada T1J 4C7] *Antilocapra americana.*

81-007881 Barrett, Reginald H. and Donald S. Pine. HISTORY AND STATUS OF WILD PIGS, *SUS SCROFA*, IN SAN BENITO COUNTY, CALIFORNIA. *Calif. Fish Game* 67(2):105-117. Apr. 1981. WR 183
[Dep. For. & Resour. Manage., Univ. Calif., Berkeley 94720]

81-007882 Bavin, Bob. POST-RELEASE STUDY OF DESERT BIGHORN SHEEP IN THE BIG HATCHET MOUNTAINS, NEW MEXICO. *Desert Bighorn Council Trans. 1980.* p. 12-14. [1981.] WR 183
[N. Mex. Dep. Game & Fish, Sante Fe 87503] *Ovis canadensis mexicana.*

81-007883 Borner, Markus. BLACK RHINO DISASTER IN TANZANIA. *Oryx* 16(1):59-66. May 1981. WR 183
[Rubondo Island Natl. Park, P.O. Box 154, Mwanza, Tanzania] *Diceros bicornis.*

81-007884 Bunch, Thomas D. A SURVEY OF CHRONIC SINUSITIS IN THE BIGHORN OF CALIFORNIA. *Desert Bighorn Council Trans. 1980.* p. 14-18. [1981.] WR 183
[Dep. Anim., Dairy & Veterinary Sci., Utah State Univ., Logan 84322] *Ovis canadensis californiana, O. c. nelsoni* and *O. c. cremnobates.*

OTHER UNGULATES (CONTINUED)

81-007885 Bunch, Thomas D.; James W. Bates; Paul M. Webb and E. Linwood Smith. BASELINE PHYSIOLOGIC VALUES IN THE DESERT BIGHORN (*OVIS CANADENSIS MEXICANA* AND *O. C. NELSONI*). *Desert Bighorn Council Trans. 1980.* p. 46-49. [1981.] WR 183
[Dep. Anim., Dairy & Veterinary Sci., Utah State Univ., Logan 84322]

81-007886 Day, Douglas F. PAPER BIGHORNS? OR WILD SHEEP ON THE RANGE. *Desert Bighorn Council Trans. 1980.* p. 11-12. [1981.] WR 183
Ovis canadensis.

81-007887 DeForge, James R. POPULATION BIOLOGY OF DESERT BIGHORN SHEEP IN THE SAN GABRIEL MOUNTAINS OF CALIF. *Desert Bighorn Council Trans. 1980.* p. 29-32. [1981.] WR 183
[Soc. Conserv. Bighorn Sheep, 218 E. J St., Ontario, CA 91764] *Ovis canadensis nelsoni.*

81-007888 deVos, Jim; Robert L. Glaze and Thomas D. Bunch. SCABIES (*PSOROPTIC OVIS*) IN NELSON DESERT BIGHORN OF NORTHWESTERN ARIZONA. *Desert Bighorn Council Trans. 1980.* p. 44-46. [1981.] WR 183
[3005 Pacific Ave., Yuma, AZ 85364] *Ovis canadensis nelsoni.*

81-007889 Douglas, Charles L. and others, editors. DESERT BIGHORN COUNCIL 1980 TRANSACTIONS. *Desert Bighorn Council Trans. 1980.* iv + 89p. [1981.] Available at $5.00 from Desert Bighorn Council, Death Valley National Monument, Death Valley, CA 92328. WR 183

81-007890 Dunbar, R. I. M. and E. P. Dunbar. THE GROUPING BEHAVIOUR OF MALE WALIA IBEX WITH SPECIAL REFERENCE TO THE RUT. *Afr. J. Ecol.* 19(3):251-263. Sept. 1981. In English with French summ. WR 183
[Res. Cent., King's Coll., Cambridge CB2 1ST, England] *Capra waalie* in Ethiopia.

81-007891 Essghaier, Mohamed Fiesel Ashour. ECOLOGY AND BEHAVIOR OF DORCAS GAZELLE. *Ph.D. dissertation, Univ. Idaho* 61p. 1981. From Diss. Abstr. Int. B Sci. Eng. 42(3):893. Sept. 1981. WR 183
Gazella dorcas.

81-007892 Ferguson, Walter F. THE SYSTEMATIC POSITION OF *GAZELLA DORCAS* (ARTIODACTYLA: BOVIDAE) IN ISRAEL AND SINAI. *Isr. J. Zool.* 29(4):209. 1980. Abstract only. WR 183
[Fac. Life Sci., Dep. Zool., Tel Aviv Univ., Tel Aviv, Israel]

81-007893 Frost, S. K. FOOD SELECTION IN YOUNG NAIVE IMPALA *AEPYCEROS MELAMPUS*. *S. Afr. J. Zool.* 16(2):123-124. 1981. In English. WR 183
[Savanna Ecosytem Project, P.O. Boekenhout, Naboomspruit 0561, South Africa]

81-007894 Graczyk, R. DER WISENT (*BISON BONASUS BONASUS*, LINNAEUS 1758) IN POLEN UND DIE PERSPEKTIVEN SEINER RESTITUTION IN WÄLDERN EUROPAS. [THE EUROPEAN BISON (*BISON BONASUS BONASUS*, LINNAEUS 1758) IN POLAND AND THE PROSPECTS OF ITS RESTITUTION IN THE WOODLANDS OF EUROPE.] *Z. Jagdwiss.* 27(2):91-101. June 1981. In German with French and English summ. WR 183

OTHER UNGULATES (CONTINUED)

81-007895 Guymon, James G. UTAH'S BIGHORN SHEEP TRANSPLANT PROGRAM. *Desert Bighorn Council Trans. 1980.* p. 84-85. [1981.] WR 183
[Utah Div. Wildl. Resour., Cedar City 84720] *Ovis canadensis nelsoni.*

81-007896 Henrichsen, Poul and Helen Grue. AGE CRITERIA IN THE MUSKOX (*OVIBOS MOSCHATUS*) FROM GREENLAND. *Dan. Rev. Game Biol.* 11(4):1-18. 1980. In English with Danish and Russian summ. WR 183
[Inst. Gen. Zool., Universitetsparken 15, DK-2100 Copenhagen Ø, Denmark]

81-007897 Henrichsen, Poul. THE OCCURRENCE OF DENTAL ANOMALIES IN RELATED MUSKOX POPULATIONS. *Proc. Alaska Sci. Conf.* 31:103. Sept. 1980. Abstract only. WR 183
[Inst. Arctic Biol., Univ. Alaska, Fairbanks 99701] *Ovibos moschatus* in Alaska.

81-007898 Himmelreich, H. A. [PRIMITIVE AND SPECIALIZED STRUCTURAL FEATURES OF THE PHARYNGEAL MUSCLE SYSTEM IN *HIPPOPOTAMUS AMPHIBIUS.*] *Zool. Zh.* 60(8):1231-1245. Aug. 1981. In Russian with English summ. WR 183
[Ukrainian Agric. Acad., Kiev, USSR]

81-007899 Hoppe, P. P.; M. D. Gwynne and W. van Hoven. NUTRIENTS, PROTOZOA AND VOLATILE FATTY ACIDS IN THE RUMEN OF HARVEY'S RED DUIKER *CEPHALOPHUS HARVEYI*. *S. Afr. J. Wildl. Res.* 11(3):110-111. In English. WR 183
[van Hoven: Univ. Pretoria, Pretoria 0002, South Africa]

81-007900 Hoven, W. van and Elizabeth A. Boomker. FEED UTILIZATION AND DIGESTION IN THE BLACK WILDEBEEST (*CONNOCHAETES GNOU*, ZIMMERMAN, 1780) IN THE GOLDEN GATE HIGHLANDS NATIONAL PARK. *S. Afr. J. Wildl. Res.* 11(2):35-40. 1981. In English with Afrikaans summ. WR 183
[Eugène Marais Chair Wildl. Manage., Univ. Pretoria, Pretoria 0002, South Africa]

81-007901 Howe, Thomas D.; Francis J. Singer and Bruce B. Ackerman. FORAGE RELATIONSHIPS OF EUROPEAN WILD BOAR INVADING NORTHERN HARDWOOD FOREST. *J. Wildl. Manage.* 45(3):748-754. July 1981. WR 183
[Natl. Park Serv., Great Smoky Mountains Natl. Park, Gatlinburg, TN 37738] *Sus scrofa* in Tennessee and North Carolina.

81-007902 Imai, Soichi; Masafumi Abe and Keiji Ogimoto. CILIATE PROTOZOA FROM THE RUMEN OF THE JAPANESE SEROW, *CAPRICORNIS CRISPUS* (TEMMINCK). *Jpn. J. Vet. Sci.* 43(3):359-367. June 1981. In English with Japanese summ. WR 183
[Dep. Parasitol., Nippon Vet. & Zootech. Coll., Musashino-shi, Tokyo 180, Japan]

81-007903 Jeffery, R. C. V. and J. Hanks. AGE DETERMINATION OF ELAND *TAUROTRAGUS ORYX* (PALLAS, 1766) IN THE NATAL HIGHVELD. *S. Afr. J. Zool.* 16(2):113-122. 1981. In England with Afrikaans summ. WR 183
[Wildl. Conserv. Soc. Zambia, P.O. Box 30225, Lusaka, Zambia]

81-007904 Jeffery, R. C. V. and J. Hanks. BODY GROWTH OF CAPTIVE ELAND *TAUROTRAGUS ORYX* IN NATAL. *S. Afr. J. Zool.* 16(3):183-189. 1981. In English with Afrikaans summ. WR 183
[Wildl. Conserv. Soc. Zambia, P.O. Box 255, Lusaka, Zambia]

OTHER UNGULATES (CONTINUED)

81-007905 Jingfors, K. T. ACTIVITY PATTERNS OF A REINTRODUCED MUSKOX POPULATION. *Proc. Alaska Sci. Conf.* 31:104. Sept. 1980. Abstract only. WR 183
[Coop. Wildl. Res. Unit., Univ. Alaska, Fairbanks 99701] *Ovibos moschatus* in Alaska.

81-007906 Kessler, Winifred B.; Wayne F. Kasworm and Walter L. Bodie. THREE METHODS COMPARED FOR ANALYSIS OF PRONGHORN DIETS. *J. Wildl. Manage.* 45(3):612-619. July 1981. WR 183
[Coll. For. Wildl. & Range Sci., Univ. Idaho, Moscow 83843] *Antilocapra americana*.

81-007907 Kilpatric, Jack. TEXAS BIGHORN STATUS REPORT. *Desert Bighorn Council Trans. 1980.* p. 77. [1981.] WR 183
[Tex. Parks & Wildl. Dep., Box 1228, Marfa 79843] *Ovis canadensis*.

81-007908 Kiltie, Richard A. DISTRIBUTION OF PALM FRUITS ON A RAIN FOREST FLOOR: WHY WHITE-LIPPED PECCARIES FORAGE NEAR OBJECTS. *Biotropica* 13(2):141-145. June 1981. WR 183
[Dep. Zool., Univ. Fla., Gainesville 32611] *Tayassu pecari* in Peru.

81-007909 Kiltie, Richard A. THE FUNCTION OF INTERLOCKING CANINES IN RAIN FOREST PECCARIES (TAYASSUIDAE). *J. Mammal.* 62(3):459-469. 20 Aug. 1981. WR 183
[Dep. Zool., Univ. Fla., Gainesville 32611] *Tayassu tajacu* and *T. pecari*.

81-007910 Krasińska, Małgorzata and Edward Sumiński. COLOUR PHENOTYPES IN HYBRIDS OF THE EUROPEAN BISON AND DOMESTIC CATTLE. *Acta Theriol.* 26(1):3-22. Mar. 1981. In English with Polish summ. WR 183
[Mammals Res. Inst., 17-230 Białowieża, Poland] *Bison bonasus*.

81-007911 Lance, William Reece. CONTAGIOUS ECTHYMA IN ROCKY MOUNTAIN BIGHORN SHEEP. *Ph.D. dissertation, Colo. State Univ.* 142p. 1981. From Diss. Abstr. Int. B Sci. Eng. 42(3):935. Sept. 1981. WR 183
Ovis c. canadensis in Colorado.

81-007912 Lehmkuhl, John F. SOME ASPECTS OF THE LIFE HISTORY OF BLACKBUCK IN NEPAL. *J. Bombay Nat. Hist. Soc.* 77(3):444-449. Dec. 1980. WR 183
[U.S. Dep. Agric., Forest Serv., 517 Gold SW, Albuquerque, NM 87102] *Antilope cervicapra*.

81-007913 Leslie, David M., Jr. REMNANT POPULATIONS OF DESERT BIGHORN SHEEP AS A SOURCE FOR TRANSPLANTATION. *Desert Bighorn Council Trans. 1980.* p. 36-44. [1981.] WR 183
[Coop. Parks Studies Unit, Oreg. State Univ., Corvallis 97331] *Ovis canadensis nelsoni*.

81-007914 Lott, Dale F. SEXUAL BEHAVIOR AND INTERSEXUAL STRATEGIES IN AMERICAN BISON. *Z. Tierpsychol.* 56(2):97-114. 1981. In English with German summ. WR 183
[Div. Wildl. & Fisheries Biol., Univ. Calif., Davis 95616] *Bison bison*.

OTHER UNGULATES (CONTINUED)

81-007915 MacKinnon, John. THE STRUCTURE AND FUNCTION OF THE TUSKS OF BABIRUSA. *Mammal Rev.* 11(1):37-40. Mar. 1981. WR 183
[PPA, Jl. Ir. H. Juanda 9, Bogor, Java, Indonesia] *Babyrousa babyrussa* in Indonesia.

81-007916 Maluf, N. S. R. KIDNEY OF A JUVENILE OKAPI, *OKAPIA JOHNSTONI*. *Am. J. Anat.* 161(3):257-279. July 1981. WR 183
[Dep. Surgery, Huron Rd., Hospital, Cleveland, OH 44112]

81-007917 McCutchen, Henry E. THE ZION BIGHORN REINTRODUCTION--1979. *Desert Bighorn Council Trans. 1980.* p. 86. [1981.] WR 183
[Zion Natl. Park, Springdale, UT 84767] *Ovis canadensis* in Utah.

81-007918 McCutchen, Henry E. DESERT BIGHORN ZOOGEOGRAPHY AND ADAPTATION IN RELATION TO HISTORIC LAND USE. *Wildl. Soc. Bull.* 9(3):171-179. 1981. WR 183
[Natl. Park Serv., 665 Parfet St., P.O. Box 25287, Denver, CO 80225] *Ovis canadensis*.

81-007919 McQuivey, Robert P. and Dave Pulliam. PRELIMINARY RESULTS OF A WILD-RELEASE DESERT BIGHORN SHEEP TRANSPLANT IN NEVADA. *Desert Bighorn Council Trans. 1980.* p. 57-61. [1981.] WR 183
[Nev. Dep. Wildl., Las Vegas 89108] *Ovis canadensis nelsoni*.

81-007920 McQuivey, Robert P. THE STATUS AND TREND OF DESERT BIGHORN SHEEP POPULATIONS IN NEVADA. *Desert Bighorn Council Trans. 1980.* p. 71-74. [1981.] WR 183
[Nev. Dep. Wildl., Las Vegas 89108] *Ovis canadensis*.

81-007921 Murray, M. G.; A. R. Lewis and A. M. Coetzee. AN EVALUATION OF CAPTURE TECHNIQUES FOR RESEARCH ON IMPALA POPULATIONS. *S. Afr. J. Wildl. Res.* 11(3):105-109. 1981. In English with Afrikaans summ. WR 183
[Lewis: Natal Parks, Game & Fish Preservation Board, P.O. Box 662, Pietermaritzburg 3200, South Africa] *Aepyceros melampus* in Zimbabwe.

81-007922 Murray, Martyn G. STRUCTURE OF ASSOCIATION IN IMPALA, *AEPYCEROS MELAMPUS*. *Behav. Ecol. Sociobiol.* 9(1):23-33. Aug. 1981. WR 183
[Lab. Mary Marshall & Arthur Walton Professor Physiol. Reprod., Downing St., Cambridge CB2 3EG, England]

81-007923 Mushi, E. Z. and L. Karstad. PREVALENCE OF VIRUS NEUTRALISING ANTIBODIES TO MALIGNANT CATARRHAL FEVER VIRUS IN ORYX (*ORYX BEISA CALLOTIS*). *J. Wildl. Dis.* 17(3):467-470. July 1981. WR 183
[Vet. Res. Dep., Kenya Agric. Res. Inst., Muguga, P.O. Box 32, Kikuyu, Kenya]

81-007924 Peek, James M.; Robert A. Riggs and Jerry L. Lauer. EVALUATION OF FALL BURNING ON BIRHORN SHEEP WINTER RANGE. *J. Range Manage.* 32(6):430-432. Nov. 1979. WR 183
[Coll. For., Wildl. & Range Sci., Univ. Idaho, Moscow] *Ovis canadensis* in Wyoming.

OTHER UNGULATES (CONTINUED)

81-007925 Popescu, C. P.; J. P. Quéré and P. Franceschi. OBSERVATIONS CHROMOSOMIQUES CHEZ LE SANGLIER FRANÇAIS (*SUS SCROFA SCROFA*). [CHROMOSOMIC OBSERVATIONS IN FRENCH WILD BOAR (*SUS SCROFA SCROFA*).] *Ann. Génét. Sél. Anim.* 12(4):395-400. 1980. In French with English summ. WR 183
[Lab. Cytogénét., CNRZ, INRA, 78350 Jouy-en-Josas, France]

81-007926 Pratt, David M. and Virginia H. Anderson. GIRAFFE COW-CALF RELATIONSHIPS AND SOCIAL DEVELOPMENT OF THE CALF IN THE SERENGETI. *Z. Tierpsychol.* 51(3):233-251. Nov. 1979. In English with German summ. WR 183
[Grad. School Oceanogr., Univ. R.I., Kingston 02881] *Giraffa camelopardalis.*

81-007927 Purdy, Ken G. and William W. Shaw. PROGRESS REPORT: RECREATIONAL USE OF DESERT BIGHORN HABITAT IN PUSCH RIDGE WILDERNESS. *Desert Bighorn Council Trans. 1980.* p. 52-60. [1981.] WR 183
[School Renewable Nat. Resour., Univ. Ariz., Tucson 85721] *Ovis canadensis.*

81-007928 Ramey, Rob Roy II.; Louis Andaloro and Lawrence H. White. THE STATUS OF THE WHEELER CREST REINTRODUCED BIGHORN HERD 12-3-79 TO 3-29-80. *Desert Bighorn Council Trans. 1980.* p. 78-83. [1981.] WR 183
Ovis canadensis californiana in California.

81-007929 Roberson, Jay and James W. Bates. DESERT BIGHRON SHEEP STATUS REPORT, CANYONLANDS NATIONAL PARK. *Desert Bighorn Council Trans. 1980.* p. 50-51. [1981.] WR 183
[Utah Div. Wildl. Resour., Price] *Ovis canadensis.*

81-007930 Robus, Martha A. MUSKOXEN RANGE USE IN THE ARCTIC NATIONAL WILDLIFE RANGE, ALASKA. *Proc. Alaska Sci. Conf.* 31:106. Sept. 1980. Abstract only. WR 183
[Coop. Wildl. Res. Unit, Univ. Alaska, Fairbanks 99701] *Ovibos moschatus.*

81-007931 Salter, R. E. and R. J. Hudson. RANGE RELATIONSHIPS OF FERAL HORSES WITH WILD UNGULATES AND CATTLE IN WESTERN ALBERTA. *J. Range Manage.* 33(4):266-271. July 1980. WR 183
[Dep. Anim. Sci., Univ. Alberta, Edmonton, Alberta, Canada T6G 2E3] *Equus caballus* and 4 spp. of deer.

81-007932 Sandoval, Andrew V. MANAGEMENT OF A PSOROPTIC SCABIES EPIZOOTIC IN BIGHORN SHEEP (*OVIS CANADENSIS MEXICANA*) IN NEW MEXICO. *Desert Bighorn Council Trans. 1980.* p. 21-28. [1981.] WR 183
[N. Mex. Dep. Game & Fish, Las Cruces 88001]

81-007933 Sleznick, James. LAVA BEDS BIGHORN SHEEP TRANSPLANT TO SOUTH WARNER MOUNTAINS, MODOC NATIONAL FOREST. *Desert Bighorn Council Trans. 1980.* p. 62. [1981.] WR 183
[Lava Beds Natl. Monument, Klamath Falls, OR] *Ovis canadensis.*

81-007934 Smith, A. D. and L. J. Shandruk. COMPARISON OF FECAL, RUMEN AND UTILIZATION METHODS FOR ASCERTAINING PRONGHORN DIETS. *J. Range Manage.* 32(4):275-279. July 1979. WR 183
[Range Sci. Dep., Utah State Univ., Logan 84322] *Antilocapra americana.*

OTHER UNGULATES (CONTINUED)

81-007935 Snyder, Walter A. DESERT BIGHORN STATUS IN NEW MEXICO--1980. *Desert Bighorn Council Trans. 1980.* p. 75. [1981.] WR 183
[N. Mex. Dep. Game & Fish, Santa Fe] *Ovis canadensis.*

81-007936 Spickett, A. M.; J. E. Keirans; R. A. I. Norval and C. M. Clifford. *IXODES (AFRIXODES) NATOPI* N. SP. (ACARINA: IXODIDAE): A TICK FOUND AGGREGATING ON PRE-ORBITAL GLAND SCENT MARKS OF THE KLIPSPRINGER IN ZIMBABWE. *Onderstepoort J. Vet. Res.* 48(1):23-30. Mar. 1981. In English with French summ. WR 183
[Vet. Res. Inst., Onderstepoort 0110, South Africa] *Oreotragus oreotragus.*

81-007937 Spinage, C. A. and Heather J. Shelley. TISSUE CARBOHYDRATE RESERVES IN ADULT AND FOETAL GRANT'S GAZELLES AND WILDEBEEST. *Comp. Biochem. Physiol. A Comp. Physiol.* 70(1):87-89. 1981. WR 183
[UNDP, B.P. 872, Bangui, Central African Republic] *Gazella granti* and *Connochaetes taurinus.*

81-007938 Thompson, Michael. MOUNTAIN GOAT DISTRIBUTION, POPULATION CHARACTERISTICS AND HABITAT USE IN THE SAWTOOTH RANGE, MONTANA. *M.S. thesis, Mont. State Univ.* 80p. 1981. WR 183
Oreamnos americanus.--Courtesy/Robert L. Eng.

81-007939 Turner, J. W., Jr.; A. Perkins and J. F. Kirkpatrick. ELIMINATION MARKING BEHAVIOR IN FERAL HORSES. *Can. J. Zool.* 59(8):1561-1566. Aug. 1981. In English with French summ. WR 183
[Dep. Physiol., Med. Coll. Ohio, Toledo 43699] *Equus caballus* in Montana.

81-007940 Viljoen, P. C. FENTANYL CITRATE FOR THE FIELD IMMOBILIZATION OF ORIBI. *S. Afr. J. Wildl. Res.* 11(2):56-58. 1981. In English with Afrikaans summ. WR 183
[Transvaal Provincial Administration, Nat. Conserv. Div., Private Bag X209, Pretoria 0001, South Africa] *Ourebia ourebi* in South Africa.

81-007941 Voget, Ken and Mike Hansen. STATUS REPORT: CALIFORNIA BIGHORN ON SHELDON-HART MOUNTAIN NATIONAL WILDLIFE REFUGES. *Desert Bighorn Council Trans. 1980.* p. 63-70. [1981.] WR 183
[Sheldon-Hart Mountain-Modoc Refuges, Lakeview, OR 97630] *Ovis canadensis californiana* in California.

81-007942 Walther, Fritz R. REMARKS ON BEHAVIOUR OF SPRINGBOK, *ANTIDORCAS MARSUPIALIS* ZIMMERMANN, 1780. *Zool. Gart.* 51(2):81-103. 1981. In English with German summ. WR 183
[Dep. Wildl. & Fisheries Sci., Tex. A&M Univ., College Station 77843]

81-007943 Webb, S. David and Beryl E. Taylor. THE PHYLOGENY OF HORNLESS RUMINANTS AND A DESCRIPTION OF THE CRANIUM OF *ARCHAEOMERYX. Bull. Am. Mus. Nat. Hist.* 167(3):117-158. 31 Dec. 1980. Price $2.50. WR 183
[Fla. State Mus., Univ. Fla., Gainesville]

OTHER UNGULATES (CONTINUED)

81-007944 Welch, George. ARIZONA BIGHORN SHEEP STATUS REPORT--1979. *Desert Bighorn Council Trans. 1980.* p. 76-77. [1981.] WR 183
[Ariz. Game & Fish Dep., Phoenix 85023] *Ovis canadensis.*

81-007945 White, Robert G.; Dan F. Holleman; Patrick Wheat; Peter A. Tallas; Michael Jourdan and Paul Henrichsen. VOLUNTARY FOOD INTAKE AND DIGESTIBILITY OF DIETS BY CAPTIVE MUSKOXEN. *Proc. Alaska Sci. Conf. (Fairbanks)* 32:118-119. 1981. Abstract only. WR 183
[Inst. Arctic Biol., Univ. Alaska, Fairbanks 99701] *Ovibos moschatus.*

81-007946 Wilson, Lanny O. and others. DESERT BIGHORN HABITAT REQUIREMENTS AND MANAGEMENT RECOMMENDATIONS. *Desert Bighorn Council Trans. 1980.* p. 1-7. [1981.] WR 183
Ovis canadensis nelsoni, O. c. mexicana, O. c. cremnobates, O. c. weemsi, and *O. c. californiana.*

81-007947 Wright, F. C.; F. S. Guillot and W. P. Meleney. TRANSMISSION OF PSOROPTIC MITES FROM BIGHORN SHEEP (*OVIS CANADENSIS MEXICANA*) TO DOMESTIC SHEEP, CATTLE AND RABBITS. *J. Wildl. Dis.* 17(3):381-386. July 1981. WR 183
[USDA, P.O. Box 232, Kerrville, TX 78028]

81-007948 Zeman, Lloyd. FOUNDATION FOR NORTH AMERICAN WILD SHEEP. *Desert Bighorn Council Trans. 1980.* p. 8-10. [1981.] WR 183
Ovis canadensis.

81-007949 Zervanos, Stam M. and Jack A. Kauffman. WATER AND SALT BALANCE ON FREE-RANGING PONIES ON ASSATEAGUE ISLAND. *Proc. Pa. Acad. Sci.* 55(1):35-36. 1981. WR 183
[Dep. Biol., Pa. State Univ., Reading 19608] *Equus caballus* in Maryland.

PRIMATES

81-007950 Aidara, D.; M. Badawi; C. Tahiri-Zagret and C. Robyn. CHANGES IN CONCENTRATIONS OF SERUM PROLACTIN, FSH, OESTRADIOL AND PROGESTERONE AND OF THE SEX SKIN DURING THE MENSTRUAL CYCLE IN THE MANGABEY MONKEY (*CEROCEBUS ATYS LUNULATUS*). *J. Reprod. Fert.* 62(2):475-481. July 1981. WR 183
[Dep. Biol. & Physiol., Univ. Natl. Côte d'Ivoire, Abidjan, Ivory Coast]

81-007951 Allen, Mel. INDIVIDUAL COPULATORY PREFERENCE AND THE "STRANGE FEMALE EFFECT" IN A CAPTIVE GROUP-LIVING MALE CHIMPANZEE (*PAN TROGLODYTES*). *Primates* 22(2):221-236. Apr. 1981. WR 183
[Inst. Primates Studies, Univ. Okla., Norman 73069]

81-007952 Artaud, Y. NOTES ON THE FEEDING AND HUNTING BEHAVIOUR OF LION-TAILED MACAQUES (*MACACA SILENUS*) IN CAPTIVITY. *J. Bombay Nat. Hist. Soc.* 77(2):285-289. Aug. 1980. WR 183
[Identity Res. Inst., Sri Aurobindo Ashram, Pondicherry, India]

PRIMATES (CONTINUED)

81-007953 Arvidson, K.; M. Cottler-Fox and U. Friberg. TASTE BUDS OF THE FUNGIFORM PAPILLAE IN CYNOMOLGUS MONKEY. *J. Anat.* 133(2):271-280. Sept. 1981. WR 183
[Dep. Histol., Fac. Odontol., Karolinska Inst., S-104 01 Stockholm, Sweden] *Macaca fascicularis.*

81-007954 Arya, Satya Narayan. A NEW SPECIES OF THE GENUS *PROBSTMAYRIA* RANSOM, 1907 (NEMATODA: ATRACTIDAE) FROM THE RHESUS MACAQUE, *MACACA MULATTA.* *Primates* 22(2):262-265. Apr. 1981. WR 183
[Makrana Mohalla, Jodhpur 342001, India]

81-007955 Badrian, Noel; Alison Badrian and Randall L. Susman. PRELIMINARY OBSERVATIONS ON THE FEEDING BEHAVIOR OF *PAN PANISCUS* IN THE LOMAKO FOREST OF CENTRAL ZAÏRE. *Primates* 22(2):173-181. Apr. 1981. WR 183
[Dep. Anthropol., State Univ. N.Y., Stony Brook, Long Island 11794]

81-007956 Brand, Heather M. URINARY OESTROGEN EXCRETION IN THE FEMALE COTTON-TOPPED TAMARIN (*SAGUINUS OEDIPUS OEDIPUS*). *J. Reprod. Fert.* 62(2):467-473. July 1981. WR 183
[Inst. Zool., Zool. Soc. London, Regent's Park, London NW1 4RY, England]

81-007957 Chen, Jeanette J.; Erla R. Smith; Gary D. Gray and Julian M. Davidson. SEASONAL CHANGES IN PLASMA TESTOSTERONE AND EJACULATORY CAPACITY IN SQUIRREL MONKEYS (*SAIMIRI SCIUREUS*). *Primates* 22(2):253-260. Apr. 1981. WR 183
[Dep. Physiol., Stanford Univ., Stanford, CA 64305]

81-007958 Das, S. M. and B. D. Sharma. OBSERVATIONS ON A REMARKABLE ASSOCIATION BETWEEN RHESUS MONKEY (*MACACA MULATTA VILLOSA*) AND THE HIMALAYAN LANGUR (*PRESBYTIS ENTELLUS SCHISTACEUS*) IN THE KUMAUN HIMALAYAS, INDIA. *J. Bombay Nat. Hist. Soc.* 77(3):496-497. Dec. 1980. WR 183
[Kumaun Univ., Nainital, U.P., India]

81-007959 Davidoff, Michael Richard. SOME BIOMECHANICAL PROPERTIES OF THE BABOON AORTA. *M.S. thesis, Univ. Witwatersrand* 1980. From Masters Abstr. 19(2):144. June 1981. WR 183
Papio ursinus.

81-007960 Dukelow, W. Richard; C. G. Theodoran; J. Howe-Baughman and W. T. MaGee. OVULATORY PATTERNS IN THE SQUIRREL MONKEY (*SAIMIRI SCIUREUS*). *Anim. Reprod. Sci.* 4(1):55-63. Aug. 1981. WR 183
[Endocrine Res. Unit, Mich. State Univ., East Lansing 48824]

81-007961 Fa, John Emmanuel. APES ON THE ROCK. *Oryx* 16(1):73-76. May 1981. WR 183
[Anim. Ecol. Res. Group, Dep. Zool., South Parks Rd., Oxford OX1 3P5, England] *Macaca sylvanus* in Gibraltar.

81-007962 Freeland, W. J. FUNCTIONAL ASPECTS OF PRIMATE GROOMING. *Ohio J. Sci.* 81(4):173-177. July 1981. WR 183
[Dep. Biol. Sci., Wright State Univ., Dayton, OH 45435] *Cercocebus albigena, Colobus badius* and *Cercopithecus mitis.*

PRIMATES (CONTINUED)

81-007963 French, Jeffrey A.; Charles T. Snowdon. SEXUAL DIMORPHISM IN RESPONSES TO UNFAMILIAR INTRUDERS IN THE TAMARIN, *SAGUINUS OEDIPUS*. *Anim. Behav.* 29(3):822-829. Aug. 1981. WR 183
[Dep. Psychol., Univ. Wis., Madison 53706] *S. f. fuscicollis*.

81-007964 Gautier-Hion, A.; J. P. Gautier and R. Quris. FOREST STRUCTURE AND FRUIT AVAILABILITY AS COMPLEMENTARY FACTORS INFLUENCING HABITAT USE BY A TROOP OF MONKEYS (*CERCOPITHECUS CEPHUS*). *Terre Vie* 35(4):511-536. Oct.-Dec. 1981. In English with French summ. WR 183
[Stn. Biol. Paimpont, Univ. Rennes, F 35380 Plélan-le-Grand, France]

81-007965 Glass, Itzhak and Gad Feldman. VOCALIZATION AND BEHAVIOR OF SQUIRREL MONKEY (*SAIMIRI SCIUREUS*). *Isr. J. Zool.* 29(4):206. 1980. Abstract only. WR 183
[Dep. Zool., George S. Wise Fac. Life Sci., Tel Aviv Univ., Tel Aviv, Israel]

81-007966 Henzi, S. P. CAUSES OF TESTIS-ADDUCTION IN VERVET MONKEYS (*CERCOPITHECUS AETHIOPS PYGERYTHRUS*). *Anim. Behav.* 29(3):961-962. Aug. 1981. WR 183
[Psychol. Lab., Univ. St. Andrews, St. Andrews, Fife, Scotland]

81-007967 Herbert, J. HORMONES AND THE SEXUAL STRATEGIES OF PRIMATES. *Symp. Zool. Soc. Lond.* No. 46. p. 337-359. 1981. WR 183
[Dep. Anat., Univ. Cambridge, Cambridge, England]

81-007968 Johns, A. and L. W. Coons. PHYSIOLOGICAL AND PHARMACOLOGICAL CHARACTERISTICS OF THE BABOON (*PAPIO ANUBIS*) OVIDUCT. *Biol. Reprod.* 25(1):120-127. Aug. 1981. WR 183
[Dep. Obstetrics & Gynecol., Univ. Tex. Health Sci. Cent., 7703 Floyd Curl Dr., San Antonio 78284]

81-007969 Kamis, Alias B. and Noorhayatee M. Noor. BLOOD VOLUME IN *MACACA FASCICULARIS*. *Primates* 22(2):281-282. Apr. 1981. WR 183
[Unit Zool., Univ. Kebangsaan Malaysia, Jalan Pantai Baru, Kuala Lumpur 22-12, Malaysia]

81-007970 Kamis, Alias Bin and Normah Bt. Latif. TURNOVER AND TOTAL BODY WATER IN MACAQUE (*MACACA FASCICULARIS*) AND GIBBON (*HYLOBATES LAR*). *Comp. Biochem. Physiol. A Comp. Physiol.* 70(1):45-46. 1981. WR 183
[Unit. Zool., Univ. Kebangsaan Malaysia, Jalan Pantai Baru, Kuala Lumpur 22-12, Malaysia]

81-007971 Katsir, Zohar. CHEMICAL COMMUNICATION IN *GALAGO CRASSICAUDATUS* (MAMMALIA: PROSIMI). *Isr. J. Zool.* 29(4):205-206. 1980. Abstract only. WR 183
[Dep. Zool., Univ. Witwatersrand, Johannesburg, South Africa]

81-007972 Kawamoto, Yoshi and Tb. M. Ischak. GENETIC DIFFERENTIATION OF THE INDONESIAN CRAB-EATING MACAQUE (*MACACA FASCICULARIS*): I. PRELIMINARY REPORT ON BLOOD PROTEIN POLYMORPHISM. *Primates* 22(2):237-252. Apr. 1981. WR 183
[Primates Res. Inst., Kyoto Univ., Inuyama, Aichi, 484 Japan]

PRIMATES (CONTINUED)

81-007973 Ledbetter, David Hamilton. CHROMOSOMAL EVOLUTION AND SPECIATION IN THE GENUS *CERCOPITHECUS* (PRIMATES, CERCOPITHECINAE). *Ph.D. dissertation, Univ. Tex. (Austin)* 213p. 1981. From Diss. Abstr. Int. B Sci. Eng. 42(3):905. Sept. 1981. WR 183
Data for 19 forms.

81-007974 Leutenegger, Walter. EVOLUTION OF LITTER SIZE IN PRIMATES. *Am. Nat.* 114(4):525-531. Oct. 1979. WR 183
[Dep. Anthropol., Univ. Wis., Madison 53706] Data for 34 spp.

81-007975 Loy, James. THE REPRODUCTIVE AND HETEROSEXUAL BEHAVIOURS OF ADULT PATAS MONKEYS IN CAPTIVITY. *Anim. Behav.* 29(3):714-726. Aug. 1981. WR 183
[Dep. Sociol. & Anthropol., Univ. R.I., Kingston 02881] *Erythrocebus patas.*

81-007976 Makwana, S. C. and Ranjan Advani. SOCIAL CHANGES IN THE HANUMAN LANGUR, *PRESBYTIS ENTELLUS* AROUND JODHPUR. *J. Bombay Nat. Hist. Soc.* 78(1):152-154. Apr. 1981. WR 183
[Dep. Zool., Univ. Jodhpur, Jodhpur-342 001, India]

81-007977 Martin, R. D. FIELD STUDIES OF PRIMATE BEHAVIOUR. *Symp. Zool. Soc. Lond.* No. 46. p. 287-336. 1981. WR 183
[Dep. Anthropol., Univ. Coll. London, London, England] Review paper.

81-007978 McNeilly, A. S.; D. H. Abbott; S. F. Lunn; P. C. Chambers and J. P. Hearn. PLASMA PROLACTIN CONCENTRATIONS DURING THE OVARIN CYCLE AND LACTATION AND THEIR RELATIONSHIP TO RETURN OF FERTILITY *POST PARTUM* IN THE COMMON MARMOSET (*CALLITHRIX JACCHUS*). *J. Reprod. Fert.* 62(2):353-360. July 1981. WR 183
[Cent. Reprod. Biol., 37 Chalmers St., Edinburgh EH3 9EW, Scotland]

81-007979 Mellen, Jill D.; Ann P. Littlewood; Barbara C. Barrow and Victor J. Stevens. INDIVIDUAL AND SOCIAL BEHAVIOR IN A CAPTIVE TROOP OF MANDRILLS (*MANDRILLUS SPHINX*). *Primates* 22(2):206-220. Apr. 1981. WR 183
[Washington Park Zoo Res. Cent., 4001 S.W. Canyon Rd., Portland, OR 97221]

81-007980 Milton, Katharine. FACTORS INFLUENCING LEAF CHOICE BY HOWLER MONKEYS: A TEST OF SOME HYPOTHESES OF FOOD SELECTION BY GENERALIST HERBIVORES. *Am. Nat.* 114(3):362-378. Sept. 1979. WR 183
[Smithsonian Trop. Res. Inst., P.O. Box 2072, Balboa, Canal Zone] *Alouatta* sp.

81-007981 Mohnot, S. M.; Madhav Gadgil and S. C. Makwana. ON THE DYNAMICS OF THE HANUMAN LANGUR POPULATIONS OF JODHPUR (RAJASTHAN, INDIA). *Primates* 22(2):182-191. Apr. 1981. WR 183
[Dep. Zool., Univ. Jodhpur, Jodhpur, India] *Presbytis entellus.*

81-007982 Moore, Jerry A. and Rober E. Kuntz. *BABESIA MICROTI* INFECTIONS IN NONHUMAN PRIMATES. *J. Parasitol.* 67(3):454-456. June 1981. WR 183
[Dep. Microbiol. & Infectious Dis., Southwest Foundation Res. & Education, San Antonio, TX 78284] *Papio cynocephalus, Macaca fascicularis, Saimiri sciureus* and *Cebus apella.*

PRIMATES (CONTINUED)

81-007983 Nass, G. Gisela. SEX DIFFERENCES IN TOOTH WEAR OF *MACACA FUSCATA*, THE ARASHIYAMA-A TROOP IN TEXAS. *Primates* 22(2):266-276. Apr. 1981. WR 183
[Dep. Orthodontics, Univ. Conn. School Dental Med., Farmington 06032]

81-007984 Olivier, Thomas J.; Carole Ober; John Buettner-Janusch and Donald Stone Sade. GENETIC DIFFERENTIATION AMONG MATRILINES IN SOCIAL GROUPS OF RHESUS MONKEYS. *Behav. Ecol. Sociobiol.* 8(4):279-285. July 1981. WR 183
[Popular Branch Farm, Schuyler, VA 22969] *Macaca mulatta*.

81-007985 Orme-Smith, C. ALBINO COLOBUS MONKEYS. *EANHS (East Afr. Nat. Hist. Soc.) Bull.* p. 69. July-Aug. 1981. WR 183
[P.O. Box 78, Nanyuki, Kenya] *Colobus abyssinicus* in Kenya.

81-007986 Parker, Theodore A. III and Linda J. Barkley. NEW LOCALITY FOR THE YELLOW-TAILED WOOLLY MONKEY. *Oryx* 16(1):71-72. May 1981. WR 183
[Drawer MU, Mus. Zool., La. State Univ., Baton Rouge 70893] *Lagothrix flavicauda* in Peru.

81-007987 Pirta, Raghubir Singh; P. Prakash and Mewa Singh. A POPULATION STUDY OF TWO SPECIES OF NON-HUMAN PRIMATES: *MACACA MULATTA* AND *MACACA RADIATA*. *J. Bombay Nat. Hist. Soc.* 77(3):429-434. Dec. 1980. WR 183
[Dep. Psychol., Uktal Univ., Bhubaneshwar, Orissa, India]

81-007988 Robinson, John G. VOCAL REGULATION OF INTER- AND INTRAGROUP SPACING DURING BOUNDARY ENCOUNTERS IN THE TITI MONKEY, *CALLICEBUS MOLOCH*. *Primates* 22(2):161-172. Apr. 1981. WR 183
[Fla. State Mus., Univ. Fla., Gainesville 32611]

81-007989 Stein, David Martin. THE NATURE AND FUNCTION OF SOCIAL INTERACTIONS BETWEEN INFANT AND ADULT MALE YELLOW BABOONS (*PAPIO CYNOCEPHALUS*). *Ph.D. dissertation, Univ. Chicago* 1981. From Diss. Abstr. Int. B Sci. Eng. 42(3):881. Sept. 1981. WR 183

81-007990 Struhsaker, Thomas T. VOCALIZATIONS, PHYLOGENY AND PALAEOGEOGRAPHY OF RED COLOBUS MONKEYS (*COLOBUS BADIUS*). *Afr. J. Ecol.* 19(3):265-283. Sept. 1981. In English with French summ. WR 183
[New York Zool. Soc., Bronx Park, New York, NY 10460] Data for 8 subspecies.

81-007991 Sultan, Charles; Annie Terraza; Bernard Descomps and André Crastes De Paulet. RÉCEPTEURS DES ANDROGÈNES CHEZ LE FOETUS DE PRIMATE (*MACACA FASCICULARIS*): RÉSULTATS PRÉLIMINAIRES. [ANDROGEN RECEPTORS IN THE FETUS OF *MACACA FASCICULARIS*: PRELIMINARY RESULTS.] *C.R. Séances Soc. Biol. Fil.* 175(2):208-212. 1981. In French with English summ. WR 183
[Unit. Rech. Biochim. Stèroïdes, I.N.S.E.R.M., U. 58, 60 rue de Navacelles, 34100 Montpellier, France]

81-007992 Sussman, Robert W. and Ian Tattersall. BEHAVIOR AND ECOLOGY OF *MACACA FASCICULARIS* IN MAURITIUS: A PRELIMINARY STUDY. *Primates* 22(2):192-205. Apr. 1981. WR 183
[Dep. Anthropol., Washington Univ., St. Louis, MO 63130]

PRIMATES (CONTINUED)

81-007993 Tetushkin, E. Ya. GENETIC DISTANCE BETWEEN THE TAXA OF PRIMATES. *Dokl. Biol. Sci. (Engl. Transl. Dokl. Akad. Nauk SSSR Ser. Biol.)* 256(1-6):46-50. July 1981. Translated from Dokl. Akad. Nauk SSSR 256(3):717-722. Jan. 1981. WR 183
[Inst. General Genetics, Acad. Sci. USSR, Moscow, USSR]

81-007994 Tilford, Barbara. NONDESERTION OF A POST-REPRODUCTIVE RHESUS FEMALE BY ADULT MALE KIN. *J. Mammal.* 62(3):638-639. 20 Aug. 1981. WR 183
[Dep. Psychol., Univ. Calif., Riverside 92521] *Macaca mulata.*

81-007995 Waal, Frans B. M. de and Jan A. R. A. M. van Hooff. SIDE-DIRECTED COMMUNICATION AND AGONISTIC INTERACTIONS IN CHIMPANZEES. *Behaviour* 77(3):164-198. 1981. In English with French summ. WR 183
[Lab. Comp. Physiol., Univ. Utrecht, Utrecht, Netherlands] *Pan troglodytes.*

81-007996 Watanabe, Kunio. VARIATIONS IN GROUP COMPOSITION AND POPULATION DENSITY OF THE TWO SYMPATRIC MENTAWAIAN LEAF-MONKEYS. *Primates* 22(2):145-160. Apr. 1981. WR 183
[Primate Res. Inst., Kyoto Univ., Inuyama, Aichi, 484 Japan] *Simias concolor* and *Presbytis potenziani* in Sumatra.

81-007997 Wheatley, Bruce P. DYNAMICS OF MALE IMMIGRATION IN *MACACA MULATTA*. *J. Ala. Acad. Sci.* 52(3):164. July 1981. Abstract only. WR 183
[Dep. Anthropol., Univ. Ala., Birmingham 35294]

81-007998 Whitworth, Richard Henry, Jr. THE INFERIOR OLIVARY COMPLEX OF *GALAGO SENEGALENSIS*: CONFORMATION AND SELECTED AFFERENT AND EFFERENT CONNECTIONS. *Ph.D. dissertation, W. Va. Univ.* 251p. 1981. From Diss. Abstr. Int. B Sci. Eng. 42(3):873. Sept. 1981. WR 183

81-007999 Wrangham, R. W. DRINKING COMPETITION IN VERVET MONKEYS. *Anim. Behav.* 29(3):904-910. Aug. 1981. WR 183
[King's Coll. Res. Cent., King's Coll., Cambridge CB2 1ST, England] *Cercopithecus aethiops* in Kenya.

81-008000 Zucker, Evan L. and Jay R. Kaplan. A REINTERPRETATION OF 'SEXUAL HARASSMENT' IN PATAS MONKEYS. *Anim. Behav.* 29(3):957-958. Aug. 1981. WR 183
[Dep. Comp. Med., Bowman Gray School Med., Wake Forest Univ., Winston-Salem, NC 27103] *Erythrocebus patas.*

OTHER MAMMALS

81-008001 Edroma, E. L. THE NUMBER AND DISTRIBUTION OF ELEPHANTS IN KIDEPO VALLEY NATIONAL PARK, UGANDA. *Afr. J. Ecol.* 19(3):299-302. Sept. 1981. In English. WR 183
[Uganda Inst. Ecol., Box 22, Lake Katwe, Uganda] *Loxodonta africana.*

OTHER MAMMALS (CONTINUED)

81-008002 Gause, Gerald Estin. PHYSIOLOGICAL AND MORPHOMETRIC RESPONSES OF THE NINE-BANDED ARMADILLO (*DASYPUS NOVEMCINCTUS*) TO ENVIRONMENTAL FACTORS. *Ph.D. dissertation, Univ. Fla.* 124p. 1980. From Diss. Abstr. Int. B Sci. Eng. 42(2):525. Aug. 1981. WR 183

81-008003 Gentile, B.; F. Le Pont; F. X. Pajot and R. Besnard. DERMAL LEISHMANIASIS IN FRENCH GUIANA: THE SLOTH (*CHOLOEPUS DIDACTYLUS*) AS A RESERVOIR HOST. *Trans. R. Soc. Trop. Med. Hyg.* 75(4):612-613. 1981. WR 183
[Pasteur Inst. French Guiana, B.P. 304, 97305 Cayenne Cedex, French Guiana]

81-008004 Harlow, Henry J.; John A. Phillips and Charles L. Ralph. DAY-NIGHT RHYTHM IN PLASMA MELATONIN IN A MAMMAL LACKING A DISTINCT PINEAL GLAND, THE NINE-BANDED ARMADILLO. *Gen. Comp. Endocrinol.* 45(2):212-218. Oct. 1981. WR 183
[Dep. Zool. & Entomol., Colo. State Univ., Fort Collins 80523] *Dasypus novemcinctus.*

81-008005 Jones, R. C. and W. V. Holt. STUDIES OF THE DEFERENT DUCTS FROM THE TESTIS OF THE AFRICAN ELEPHANT, *LOXODONTA AFRICANA*. III. ULTRASTRUCTURE AND CYTOCHEMISTRY OF THE DUCTULI EFFERENTES. *J. Anat.* 133(2):247-255. Sept. 1981. WR 183
[Dep. Biol. Sci., Univ. Newcastle, New South Wales 2308, Australia]

81-008006 Lainson, R.; J. J. Shaw and M. Póvoa. THE IMPORTANCE OF EDENTATES (SLOTHS AND ANTEATERS) AS PRIMARY RESERVOIRS OF *LEISHMANIA BRAZILIENSIS GUYANENSIS*, CAUSATIVE AGENT OF "PIANBOIS" IN NORTH BRAZIL. *Trans. R. Soc. Trop. Med. Hyg.* 75(4):611-612. 1981. WR 183
[Wellcome Parasitol. Unit, Dep. Parasitol., Inst. Evandro Chagas, Fundação SESP, Belém, Pará, Brazil] *Tamandua tetradactyla* and *Choloepus didactylus.*

81-008007 Loyttyniemi, K. and L. Mikkola. ELEPHANT AS A PEST OF PINES IN ZAMBIA. *Trop. Pest Manage.* 26(2):167-169. 1980. From Ecol. Abstr. 1981/2:81L/2470. 1981. WR 183
Loxodonta africana.

81-008008 Malpas, Robert. ELEPHANT LOSSES IN UGANDA--AND SOME GAINS. *Oryx* 16(1):41-44. May 1981. WR 183
[Embassy House, Harambee Ave., P.O. Box 48177, Nairobi, Kenya] *Loxodonta africana.*

81-008009 Mendel, Frank C. THE HAND OF TWO-TOED SLOTHS (*CHOLOEPUS*): ITS ANATOMY AND POTENTIAL USES RELATIVE TO SIZE OF SUPPORT. *J. Morphol.* 169(1):1-19. July 1981. WR 183
[Dep. Anat. Sci., State Univ. N.Y., Buffalo 14214] *Choloepus hoffmanni* and *C. didactylus.*

81-008010 Peppler, R. D. and S. C. Stone. ANNUAL PATTERN IN PLASMA TESTOSTERONE IN THE MALE ARMADILLO, *DASYPUS NOVEMCINCTUS*. *Anim. Reprod. Sci.* 4(1):49-53. Aug. 1981. WR 183
[Univ. Calif. Irvine Med. Cent., Coll. Med., Orange 92668]

OTHER MAMMALS (CONTINUED)

81-008011 Rossoni, Robson B.; Conceição R. S. Machado and Angelo B. M. Machado. AUTONOMIC INNERVATION OF SALIVARY GLANDS IN THE ARMADILLO, ANTEATER, AND SLOTH (EDENTATA). *J. Morphol.* 168(2):151-157. May 1981. WR 183
[Dep. Morphol., Inst. Biol. Sci., Federal Univ. Minas Gerais, P.O. Box 2486, 30000 Belo Horizonte, Brazil] *Cabassous unicinctus, Dasypus novemcictus, Euphractus sexcinctus, Mymecophaga tridactyla, Tamanda tetradactyla* and *Bradypus tridactylus.*

81-008012 van Hoven, W.; R. A. Prins and A. Lankhorst. FERMENTATIVE DIGESTION IN THE AFRICAN ELEPHANT. *S. Afr. J. Wildl. Res.* 11(3):78-86. 1981. In English with Afrikaans summ. WR 183
[Univ. Pretoria, Pretoria 0002, South Africa] *Loxodonta africana* in South Africa.

BIRDS--GENERAL

81-008013 Earlé, R. A. FACTORS GOVERNING AVIAN BREEDING IN *ACACIA* SAVANNA, PIETERMARITZBURG, PART 1: EXTRINSIC FACTORS. *Ostrich* 52(2):65-73. June 1981. WR 183
[Dep. Zool., Univ. Natal, P.O. Box 375, Pietermaritzburg, South Africa 3000]

81-008014 Gaston, A. J. SEASONAL BREEDING, MOULTING AND WEIGHT CHANGES AMONG BIRDS OF DRY DECIDUOUS FOREST IN NORTH INDIA. *J. Zool. (Lond.)* 194(2):219-243. June 1981. WR 183
[Edward Grey Inst., Dep. Zool., South Parks Rd., Oxford, London, England]

81-008015 Ponomariova, T. S. [THE MOISTURE YIELD OF EGGS AND MOISTURE OF NESTS IN SOME SPECIES OF BIRDS IN THE ARID ZONE.] *Zool. Zh.* 58(12):1848-1857. Dec. 1979. In Russian with English summ. WR 183
[All-Union Res. Inst. Nat. Conserv. & Reserves (Znamenskoye-Sadki, Moscow District), Moscow, USSR]

81-008016 Royston, Avril. NOTES ON TWO AFRICAN SPECIES. *Avic. Mag.* 87(2):111-112. Apr.-June 1981. WR 183
Turtur afer and *Centropus monachus.*

81-008017 Schodde, Richard. THE TAXONOMY OF THE RAOU "INTERIM LIST OF AUSTRALIAN SONGBIRDS". *Aust. Birds* 15(4):63-71. June 1981. WR 183
[Div. Wildl. Res., CSIRO, P.O. Box 84, Lyneham, A.C.T. 2602, Australia]

81-008018 Tichý, Václav. POTRAVNÍ POMĚRY HMYZOŽRAVÉHO PTACTVA V DUBINÁCH A JEHO PODÍL NA KONZUMPCI OBALEČE *TORTRIX VIRIDANA* L. A PÍĎALKY *OPEROPHTERA BRUMATA* L. [FOOD OF INSECTIVOROUS BIRDS IN OAK FORESTS.] *Práce VÚLHM* 58:229-254. 1981. In Czech with Russian and English summ. WR 183
[VÚLHM, Jíloviště-Strnady, Czechoslovakia] Data for 74 spp.

81-008019 Yom-Tov, Yoram. IS AIR TEMPERATURE LIMITING NORTHERN BREEDING DISTRIBUTION OF BIRDS? *Ornis Scand.* 11(1):71-72. 1980. WR 183
[Dep. Zool., Tel Aviv Univ., Tel Aviv, Israel]

BIRDS--TECHNIQUES

81-008020 Anderson, Alexander. MAKING POLYVINYL CHLORIDE (PVC) COLORED LEGBANDS. *J. Wildl. Manage.* 45(4):1067-1068. Oct. 1981. WR 183
[Dep. Zool., Univ. Aberdeen, Newburgh, Ellon, Aberdeenshire, Scotland AB4 0AA]

81-008021 Bergland, Mark S. A PHOTOGRAPHIC AND COLOR-MARKING TECHNIQUE FOR THE STUDY OF AVIAN FORAGING BEHAVIOR. *Inl. Bird Banding* 53(1):1-6. 1981. WR 183
[Biol. Dep., Univ. Wis., River Falls 54022]

81-008022 Bezzel, Einhard and Hans Utschick. DIE RASTERKARTIERUNG VON SOMMERVOGELBESTÄNDEN - BEDEUTUNG UND GRENZEN. [GRID MAPPING OF BREEDING BIRDS - ITS SIGNIFICANCE AND LIMITS.] *J. Ornithol.* 120(4):431-440. In German with English summ. WR 183
[Inst. Vogelkd., Gsteigstraße 43, D-8100, Garmisch-Partenkirchen, West Germany]

81-008023 Dalton, Bradly G. SPECTRAL-ANALYSIS AS A DIAGNOSTIC TOOL FOR BIRDS. *A.F.A. Watchbird* 7(6):16-17. Dec. 1980/Jan. 1981. WR 183

81-008024 Ellis, David H. and James W. Carpenter. A TECHNIQUE FOR VASECTOMIZING BIRDS. *J. Field Ornithol.* 52(1):69-71. 1981. WR 183
[Patuxent Wildl. Res. Cent., Room B-3, Federal Bldg., 301 W. Congress St., Tucson, AZ 85701] *Colinus virginianus texanus.*

81-008025 Freud, Arthur. SPROUTING SEED TO PROVIDE A CONSTANT SOURCE OF FRESH AND NUTRITIOUS FOOD FOR PARROTS AND OTHER CAPTIVE BIRDS. *Avic. Mag.* 87(2):99-103. Apr.-June 1981. WR 183
[Smithtown, NY]

81-008026 Gary, Howard L. and Meredith J. Morris. CONSTRUCTING WOODEN BOXES FOR CAVITY-NESTING BIRDS. *U.S. For. Serv. Res. Pap.* RM-381. 7p. 1980. From Ecol. Abstr. 1981/2:81L/2778. 1981. WR 183

81-008027 Janssen, Robert B. COUNTY LISTING. *Birding* 13(3):86-88. June 1981. WR 183
[10521 S. Cedar Lake Rd. 212, Minnetonka, MN 55343]

81-008028 Kemper, Charles A. NEW HELP FOR BIRDERS WITH IMPAIRED HEARING. *Passenger Pigeon* 43(2):45-47. 1981. WR 183
[Box 699, Chippewa Falls, WI 54729]

81-008029 Legg, Richard G. and Patrick J. Frye. EFFECT OF EFFORT AND ENVIRONMENTAL VARIABLES ON CHRISTMAS BIRD COUNT OUTCOMES IN IOWA. *Iowa Bird Life* 51(2):43-49. June 1981. WR 183
[Dep. Biol., St. Ambrose Coll., Davenport, IA 52803]

81-008030 Oniki, Yoshika. INDIVIDUAL RECOGNITION OF NESTLINGS. *J. Field Ornithol.* 52(2):147-148. 1981. WR 183
[Dep. Biol., Univ. Miami, P.O. Box 249118, Coral Gables, FL 33124]

BIRDS--TECHNIQUES (CONTINUED)

81-008031 Parker, James W. AN IMPROVED MIRROR AND POLE DEVICE FOR EXAMINING NESTS. *Inl. Bird Banding* 53(1):12-13. 1981. WR 183
[Biol. Dep., State Univ. Coll., Fredonia, NY 14063]

81-008032 Perdeck, A. C. and R. D. Wassenaar. TARSUS OR TIBIA: WHERE SHOULD A BIRD BE RINGED? *Ringing Migration* 3(3):149-156. July 1981. WR 183
[Inst. Ecol. Res., Kemperbergerweg 67, 6816 RM Arnhem, Netherlands]

81-008033 Scott, J. Michael; James D. Jacobi and Fred L. Ramsey. AVIAN SURVEYS OF LARGE GEOGRAPHICAL AREAS: A SYSTEMATIC APPROACH. *Wildl. Soc. Bull.* 9(3):190-200. 1981. WR 183
[Patuxent Wildl. Res. Cent., P.O. Box 44, Hawaii National Park, HI 96718]

81-008034 Scott, J. Michael and Fred L. Ramsey. EFFECTS OF ABUNDANT SPECIES ON THE ABILITY OF OBSERVERS TO MAKE ACCURATE COUNTS OF BIRDS. *Auk* 98(3):610-613. July 1981. WR 183
[Patuxent Wildl. Res. Cent., P.O. Box 44, Hawaii National Park, HI 96718]

81-008035 Thomas, V. G. and H. G. Lumsden. AN APPARATUS FOR DETERMINING THE VOLUME OF EGGS. *Ibis* 123(3):333-336. July 1981. WR 183
[Dep. Zool., Coll. Biol. Sci., Univ. Guelph, Guelph, Ontario N1G 2W1, Canada]

BIRDS--FAUNAS, COMMUNITIES, AND MANUALS

81-008036 Abdulali, Humayun. ADDITIONAL NOTES ON ANDAMAN BIRDS. *J. Bombay Nat. Hist. Soc.* 78(1):46-49. Apr. 1981. WR 183

81-008037 Andrews, John. RIVERSIDE BIRDS. *Water Space* 16:13-16. 1979. From Ecol. Abstr. 1981/2:81L/2310. 1981. WR 183

81-008038 Barnhurst, Bob. RARE OR UNUSUAL BIRDS IN THE MONTREAL AREA 1979. *Tchebec Annu. Rep. 1979* p. 79-86. 1979. WR 183

81-008039 Barton, David. BIRDS AROUND THE GASCOYNE SEAMOUNT. *Australasian Seabird Group Newsl.* No. 14. p. 9-13. July 1980. WR 183
[35 Ida Rodd Dr., Eden, New South Wales, Australia 2551]

81-008040 Baumgartner, John E. and Alice H. Kelly. SUMMARY OF THE WHITEFISH POINT BIRD OBSERVATORY ANNUAL REPORT FOR 1979. *Jack-Pine Warbler* 59(2):53-59. June 1981. WR 183
[713 Spring St., Grand Lodge, MI 48837] Bird list of 196 spp.

81-008041 Beedy, Edward C. BIRD COMMUNITIES AND FOREST STRUCTURE IN THE SIERRA NEVADA OF CALIFORNIA. *Condor* 83(2):97-105. May 1981. WR 183
[Dep. Zool., Univ. Calif., Davis 95616]

BIRDS--FAUNAS, COMMUNITIES, AND MANUALS (CONTINUED)

81-008042 Bildstein, Keith L.; Bobbie Christy and Patricia DeCoursey. ENERGY REQUIREMENTS OF A SALTMARSH BIRD COMMUNITY. II. SPRING AND SUMMER. *Estuaries* 4(3):266. Sept. 1981. Abstract only. WR 183
[Univ. S.C., Columbia]

81-008043 Boutet, Jean-Yves. L'AVIFAUNE DU BASSIN D'ARCACHON (GIRONDE), POTENTIALITÉS D'ACCUEIL ET FACTEURS LIMITANTS. [WATERFOWL OF THE ARCACHON BASIN (GIRONDE), CARRYING CAPACITIES AND LIMITING FACTORS.] *Bull. Mens. Off. Natl. Chasse No. Spec. Sci. Tech. (Paris)* p. 201-212. Nov. 1980. In French with English summ. WR 183
[G.E.R.E.A., Univ. Bordeaux 1, Fac. Sci., 33405 Talence Cedex, France]

81-008044 Buer, Micki. BIRDS OF BIG STONE NATIONAL WILDLIFE REFUGE. *Loon* 53(2):67-81. 1981. WR 183
[Rt. 2, Box 165, Dawson, MN 56232] Annotated list.

81-008045 Bundy, Graham and Effie Warr. A CHECK-LIST OF THE BIRDS OF THE ARABIAN GULF STATES. *Sandgrouse* No. 1. p. 4-49. 1980. WR 183
[c/o British Aircraft Corp., P.O. Box 98, Int. Post Office, Dhahran, Saudi Arabia] Annotated list.

81-008046 Burger, J. and J. Shisler. EFFECTS OF PHYSICAL ALTERATIONS ON NESTING BIRD POPULATIONS IN SALT MARSHES OF NEW JERSEY. *Estuaries* 4(3):265-266. Sept. 1981. Abstract only. WR 183
[Rutgers Univ., New Brunswick, NJ]

81-008047 Cardiff, S. W. and J. V. Remsen, Jr. THREE BIRD SPECIES NEW TO BOLIVIA. *Bull. Br. Ornithol. Club* 101(2):304-305. June 1981. WR 183
[Mus. Zool., La. State Univ., Baton Rouge 70893] *Chamaepetes goudotii, Eutoxeres condamini* and *Grallaria guatimalensis.*

81-008048 Clarke, J. E. THE AVIFAUNA OF SHAUMARI WILDLIFE RESERVE, JORDAN. *Sandgrouse* No. 1. p. 50-70. 1980. WR 183
[Glencaple, 13 Lasswade Rd., Dalkeith, Midlothian EH22 3EB, Scotland] Annotated list.

81-008049 Conder, Peter. BIRDS OF THE AZRAQ WETLAND RESERVE, JORDAN: JANUARY AND FEBRUARY 1979. *Sandgrouse* No. 2. p. 22-32. 1981. WR 183
[12 Swaynes Lane, Comberton, Cambridge CB3 7EF, England] Annotated list.

81-008050 Conole, Lawrie. BIRDS OF THE STEIGLITZ AREA, BRISBANE RANGES, VICTORIA, 1978-1980. *Aust. Bird Watcher* 9(1):14-23. Mar. 1981. WR 183
[85 Clarence St., West Geelong, Victoria 3218, Australia] Annotated list.

81-008051 Contreras, Julio Rafael. LISTA PRELIMINAR DE LA AVIFAUNA CORRENTINA. I. NO PASSERIFORMES. [A PRELIMINARY LIST OF BIRDS OF THE PROVINCE OF CORRIENTES (ARGENTINA). I. NON PASSERES.] *Hist. Nat. (Mendoza)* 2(3):21-28. 1981. In Spanish with English summ. WR 183
[CONICET, CECOAL, Casilla de Correo 291, 3400 Corrientes, Argentina] Data for 220 spp.

81-008052 Costello, Jim. BIRDS OBSERVED IN THE MUNGINDI AREA, NORTHERN N.S.W. *Aust. Bird Watcher* 9(2):55-67. June 1981. WR 183
['Cubberoo', Mungindi, New South Wales 2406, Australia]

BIRDS--FAUNAS, COMMUNITIES, AND MANUALS (CONTINUED)

81-008053 de Juana, Eduardo and Tomas Santos. OBSERVATIONS SUR L'HIVERNAGE DES OISEAUX DANS LE HAUT-ATLAS (MAROC). [OBSERVATIONS OF OVERWINTERING BIRDS IN THE HIGH ATLAS MOUNTAINS (MOROCCO).] *Alauda* 49(1):1-12. Mar. 1981. In French with Spanish and English summ. WR 183
[Dep. Zool., Fac. Cienc., C-XV, 4a planta, Univ. Autónoma, Madrid-34, Spain]

81-008054 DeSante, David F. and David G. Ainley. THE AVIFAUNA OF THE SOUTH FARALLON ISLANDS, CALIFORNIA. *Cooper Ornithol. Soc. Stud. Avian Biol.* No. 4. v + 104p. 11 Apr. 1980. WR 183
[Stinson Beach, CA]

81-008055 Dudich, Alexander. EKOLOGICKÁ ANALÝZA SYNÚZIÍ VTÁKOV KAMEŇOLOMOV. 2. VPLYV ROZLOHY KAMEŇOLOMOV NA ŠTRUKTÚRU ORNITOCENÓZ. [AN ECOLOGICAL ANALYSIS OF BIRD SYNUSIA IN QUARRIES. 2. THE INFLUENCE OF THE AREA OF QUARRIES ON THE STRUCTURE OF ORNITHOCENOSES.] *Biológia (Bratisl.)* 34(8):645-653. 1979. With Russian and English summ. WR 183
[Inst. Exp. Biol. & Ecol. SAV, Res. Stn., 876 02 Staré Hory, Czechoslovakia]

81-008056 Eriksson, Mats O. G. BETYDELSEN AV BETADE FUKTÄNGARS AREAL OCH INBÖRDES AVSTÅND FÖR HÄCKFÅGELFAUNAN. [THE INFLUENCE ON THE BIRD FAUNA OF THE AREA OF AND THE DISTANCE BETWEEN GRAZED WET MEADOWS.] *Vår Fågelvärld* 40(3):185-192. 1981. In Swedish with English summ. WR 183
[Zool. Inst., Göteborg Univ., Box 25059, S-400 31 Göteborg, Sweden]

81-008057 Gallucci, Tony. SUMMER BIRD RECORDS FROM SONORA, MEXICO. *Am. Birds.* 35(3):243-247. May 1981. WR 183
[Dep. Wildl. & Fisheries Sci., Tex. A&M Univ., College Station 77843] Annotated list.

81-008058 Guth, Robert W. THE CONSTANCY AND DISTINCTNESS OF URBAN BIRD COMMUNITIES. *Trans. Ill. State Acad. Sci.* 73(1):75-79. 1980. WR 183
[RPF Ecol. Assoc., 727 Reba Pl., Evanston, IL 60202]

81-008059 Hall, George A. ALLEGHENY FRONT MIGRATION OBSERVATORY. *Redstart* 48(2):68-71. Apr. 1981. WR 183
[Dep. Wildl. Biol., W. Va. Univ., Morgantown 26506] Annual report with annotated bird list.

81-008060 Hargraves, Rodger Prather, Sr. A CENSUS OF THE AVIAN FAUNA IN SEA RIM STATE PARK BY HABITAT. *M.S. thesis, Lamar Univ.* 114p. 1980. From Masters Abstr. 19(3):208. Sept. 1981. WR 183

81-008061 Havlín, Jiří. DIE VOGELWELT DER STÄDTISCHEN LANDWIRTSCHAFTSOBJEKTE. [THE BIRD POPULATION IN URBAN AGRICULTURAL OBJECTS.] *Folia Zool. (Brno)* 29(4):299-309. 1980. In German with Russian and English summ. WR 183
[Inst. Vertebr. Zool., Czechoslovak Acad. Sci., Květná 8, 603 65 Brno, Czechoslovakia]

81-008062 Havlín, Jiří. DIE VOGELWELT DES BEWÄSSERUNGSKANALS KRHOVICE--HEVLÍN. [THE BIRD POPULATION OF THE IRRIGATION CANAL KRHOVICE--HEVLÍN.] *Folia Zool. (Brno)* 30(1):39-51. 1981. In

BIRDS--FAUNAS, COMMUNITIES, AND MANUALS (CONTINUED)

81-008062 CONTINUED German with Russian and English summ. WR 183
[Inst. Vertebr. Zool., Czechoslovak Acad. Sci., Květná 8, 603 65 Brno, Czechoslovakia]

81-008063 Hermes, Neil. MIXED SPECIES FLOCKS IN A DRY SCLEROPHYLL FOREST IN AUTUMN AND WINTER. *Corella* 5(2):41-45. June 1981. WR 183
[Australian Natl. Parks & Wildl. Serv., P.O. Box 636, Canberra City, A.C.T. 2601, Australia]

81-008064 Hooper, Donald. UNUSUAL WINTER BIRD RECORDS FROM SOMMME, SASKATCHEWAN. *Blue Jay* 39(3):184. Sept. 1981. WR 183
[P.O. Box 40, Somme, Saskatchewan S0E 1N0, Canada]

81-008065 Houston, C. Stuart; Mary I. Houston and J. Bernard Gollop. ADDITIONS TO THE CHECKLIST OF SASKATCHEWAN BIRDS SINCE 1969. *Blue Jay* 39(3):145-154. Sept. 1981. WR 183
[863 University Dr., Saskatoon, Saskatchewan S7N 0J8, Canada] Annotated list of 14 spp.

81-008066 Inozemtsev, A. A.; S. A. Ezhova; S. L. Pereshkol'nik and G. I. Frenkina. EVALUATION OF THE TOTAL EFFECT OF INSECTIVOROUS BIRDS ON INVERTEBRATES IN AN OAK-HORNBEAM FOREST. *Sov. J. Ecol. (Engl. Transl. Ékologiya)* 11(1):47-55. Jan.-Feb. 1980. Translated from Ékologiya No. 1. p. 65-75. Jan.-Feb. 1980. WR 183

81-008067 Jenkins, John. DUNDAS ISLAND, AUCKLAND ISLANDS, 1980. *Notornis* 28(2):139-140. June 1981. WR 183
Annotated bird list.

81-008068 Jennings, M. C. BREEDING BIRDS IN CENTRAL ARABIA. *Sandgrouse* No. 1. p. 71-81. 1980. WR 183
[10 Mill Lane, Whittlesford, Cambridgeshire, England] Annotated list.

81-008069 Jones, D. N. TEMPORAL CHANGES IN THE SUBURBAN AVIFAUNA OF AN INLAND CITY. *Aust. Wildl. Res.* 8(1):109-119. 1981. WR 183
[Dep. Ecosystem Manage., Univ. New England, Armidale, New South Wales, Australia 2351]

81-008070 Jones, M. V. BIRDS OF THE MARYBOROUGH DISTRICT, QUEENSLAND, 1972-1980. *Aust. Bird Watcher* 9(1):1-13. Mar. 1981. WR 183
[20 Roseneath St., Maryborough, Queensland 4650, Australia] Annotated list.

81-008071 Kendeigh, S. Charles and Ben J. Fawver. BREEDING BIRD POPULATIONS IN THE GREAT SMOKY MOUNTAINS, TENNESSEE AND NORTH CAROLINA. *Wilson Bull.* 93(2):218-242. June 1981. WR 183
[Vivarium Bldg., Univ. Ill., Champaign 61820]

81-008072 Kerlinger, Paul and Craig Doremus. THE BREEDING BIRDS OF THREE PINE BARRENS IN NEW YORK STATE. *Kingbird* 31(3):126-135. 1981. WR 183
[Dep. Biol. Sci., State Univ. N.Y., Albany 12222]

BIRDS--FAUNAS, COMMUNITIES, AND MANUALS (CONTINUED)

81-008073 Klein, Helmut P. BRUTBESTANDSAUFNAHMEN VON ZIEGENMELKER (*CAPRIMULGUS EUROPAEUS*) UND BRACHPIEPER (*ANTHUS CAMPESTRIS*) IM WESTTEIL DES KREISES VIERSEN. [BREEDING BIRD CENSUS OF NIGHTJAR *CAPRIMULGUS EUROPAEUS* AND TAWNY PIPIT *ANTHUS CAMPESTRIS* IN THE WESTERN PART OF THE VIERSEN AREA.] *Charadrius* 17(2):73-74. 1981. In German. WR 183
[Friedenstraße 9, 4005 Meerbusch 1, West Germany]

81-008074 Kuźniak, Stanislaw. DANIA ILOŚCIOWE AWIFAUNY LĘGOWEJ W ROLNICZYM KRAJOBRAZIE KULTUROWYM WIELKOPOLSKI. [QUANTITATIVE INVESTIGATIONS OF THE AVIFAUNA IN THE AGRICULTURAL LANDSCAPE OF CROPS IN WIELKOPOLSKA.] *Acta Ornithol. (Warsaw)* 16(16):423-450. 15 Dec. 1978. In Polish with Russian and English summ. WR 183

81-008075 Lamothe, Lorraine. BIRDS OF THE ARAUCARIA PINE PLANTATIONS AND NATURAL FORESTS NEAR BULOLO, PAPUA NEW GUINEA. *Corella* 4(5):127-131. Dec. 1980. WR 183
[Papua New Guinea Forestry Coll., Bulolo, Papua New Guinea]

81-008076 Lanyon, Wesley E. BREEDING BIRDS AND OLD FIELD SUCCESSION ON FALLOW LONG ISLAND FARMLAND. *Bull. Am. Mus. Nat. Hist.* 168(1):1-60. 26 Feb. 1981. Price $3.90. WR 183
[Dep. Ornithol., Am. Mus. Nat. Hist., New York, NY]

81-008077 Leslie, R. BIRDS OF THE NORTH EAST ENGLAND FORESTS. *Q. J. For.* 75(3):153-158. July 1981. WR 183
[42 Eastgate, Pickering, North Yorkshire, England]

81-008078 Lewis, Adrian D. BIRDS OF THE KAISUT DESERT, NORTHERN KENYA. *EANHS (East Afr. Nat. Hist. Soc.) Bull.* p. 60-64. July-Aug. 1981. WR 183
[Dep. Geol., P.O. Box 30197, Nairobi, Kenya]

81-008079 Long, Roger. REVIEW OF BIRDS IN THE CHANNEL ISLANDS, 1951-1980. *Br. Birds* 74(8):327-344. Aug. 1981. WR 183
[La Société Jersiaise, 9 Pier Rd., St. Helier, Jersey, England]

81-008080 Lucero, Maria M. and Estela A. Alabarce. FRECUENCIA DE ESPECIES E INDIVIDUOS EN UNA PARCELA DE LA SELVA MISIONERA (AVES). [FREQUENCY OF SPECIES IN A SECTOR OF THE "SELVA MISIONERA" (BIRDS).] *Rev. Mus. Argent. Cience. Nat. "Bernandino Rivadavia" Ecol.* 2(7):117-125. 1980. In Spanish with English summ. WR 183
[Fac. Cienc. Nat., Fundacion Miguel Lillo, MiLillo 205, 4000 San Miguel de Tucumán, Argentina]

81-008081 Martin, Rob; John Martin; Elsie Martin; Peter Neatherway and Miriam Neatherway. BIRDS RECORDED IN THREE INDIGENOUS FORESTS IN THE SOUTH WESTERN CAPE PROVINCE. *Bokmakierie* 33(2):40-43. June 1981. WR 183
[23 Pinewoods St., Somerset West 7130, South Africa]

81-008082 Mascher, Jan W. FÅGELFAUNAN VID EKETORP PÅ ÖLAND UNDER FOLKVANDRINGSTID OCH MEDELTID--EN SPECIALRECENSION. [THE BIRD FAUNA AT EKETORP, A RING-FORT ON SOUTHERN ÖLAND, SOUTH SWEDEN, DURING THE LATE ROMAN IRON AGE AND THE LATE VIKING AGE.] *Vår Fågelvärld* 40(4):278-284. 1981. In Swedish with English summ. WR 183
[Röntgenavd., Sjukhuset, 891 02 Örnsköldsvik, Sweden]

BIRDS--FAUNAS, COMMUNITIES, AND MANUALS (CONTINUED)

81-008083 Mascher, Jan W. FAGELLIV VIC ÖJMOSSEN FORR OCH NU. [THE BIRD FAUNA OF ÖJMOSSEN, ÖLAND.] *Calidris* 80(1):3-21. 1980. From Ecol. Abstr. 1981/1:81L/0877. 1981. In Swedish with English summ. WR 183

81-008084 Meininger, Peter L. and Wim C. Mullié. BIRDING IN EGYPT. *Dutch Birding* 3(2):60-65. June 1981. In English. WR 183
[Grevelingenstraat 127, 4335 XE Middelburg, Netherlands]

81-008085 Moreno, Juan. FEEDING NICHES OF WOODLAND BIRDS IN A MONTANE CONIFEROUS FOREST IN CENTRAL SPAIN DURING WINTER. *Ornis Scand.* 12(2):148-159. Aug. 1981. WR 183
[Dep. Zool., Univ. Uppsala, P.O. Box 561, S-751 22 Uppsala, Sweden]

81-008086 Ojanen, Mikko. ATLASTYÖ PPLTY:n ALUEELLA 1979. [ATLAS-WORK IN NORTHERN OSTROBOTHNIA IN 1979.] *Aureola* 4:14-20. 1979. In Finnish with English summ. WR 183

81-008087 Onley, D. J. BIRD COUNTS IN LOWLAND FORESTS IN THE WESTERN PAPAROAS. *Notornis* 27(4):335-362. Dec. 1980. WR 183
[Madman's Farm, Little Totara River, Private Bag, Westport, New Zealand]

81-008088 Parker, Theodore A. and John P. O'Neill. AN INTRODUCTION TO BIRD-FINDING IN PERU, PART III, TINGO MARIA AND THE DIVISORIA MOUNTAINS. *Birding* 13(3):100-106. July 1981. WR 183
[Mus. Zool., La. State Univ., Baton Rouge 70893] With checklists.

81-008089 Pearson, David L. A PRELIMINARY SURVEY OF THE BIRDS OF THE KUTAI RESERVE, KALIMANTAN TIMUR, INDONESIA. *Treubia* 28(4):157-162. Aug. 1975. WR 183
[Pa. State Univ., 208 Life Sci. I, University Park 16802]

81-008090 Poslavskii, A. N.; L. A. Lebedeva and V. V. Neruchev. GEOGRAPHICAL CHANGES IN THE STRUCTURE OF THE BIRD POPULATION FROM THE STEPPE TO THE SOUTHERN DESERT. *Sov. J. Ecol. (Engl. Transl. Ékologiya)* 10(1):44-50. Jan.-Feb. 1979. Translated from Ékologiya No. 1. p. 61-68. Jan.-Feb. 1979. WR 183

81-008091 Pozas, Georgia de las and František Balát. QUANTITATIVE AND QUALITATIVE COMPOSITION OF THE BIRD COMMUNITY IN A GARDEN SUBURB OF HABANA (CUBA). *Folia Zool. (Brnc)* 30(2):155-164. 1981. In English with Russian summ. WR 183
[Inst. Zool., Acad. Cienc., Atabey, Playa, Havana, Cuba]

81-008092 Prodon, Roger and Jean-Dominique Lebreton. BREEDING AVIFAUNA OF A MEDITERRANEAN SUCCESSION: THE HOLM OAK AND CORK OAK SERIES IN THE EASTERN PYRENEES, 1. ANALYSIS AND MODELLING OF THE STRUCTURE GRADIENT. *Oikos* 37(1):21-38. July 1981. In English with Russian summ. WR 183
[Lab. Arago Univ. Paris VI, F-66650 Banyuls-sur-Mer, France]

81-008093 Prop, Jouke and Mennobart (M.R.) van Eerden. HET VOORKOMEN VAN TREKVOGELS IN HET LAUWERSZEEGEBIED VANAF DE AFSLUITING IN 1969 TOT EN MET 1978. [THE OCCURRENCE OF MIGRATORY BIRDS IN THE LAWERSZEE AREA FROM THE

BIRDS--FAUNAS, COMMUNITIES, AND MANUALS (CONTINUED)

81-008093 CONTINUED EMBANKMENT IN 1969 THROUGH 1978.] *Limosa* 54(1):1-16. 1981. In Dutch with English summ. WR 183
[Zoöl. Lab., Rijksuniv. Groningen, Kerklaan 30, 9751 NN Haren, Netherlands]

81-008094 Pyle, Robert L. A BIRDING VACATION ON CHRISTMAS ISLAND. *'Elepaio* 41(5):37-40. Nov. 1980. WR 183
[741 N. Kalaheo, Kailua, HI 96734]

81-008095 Pyle, Robert L. HAWAII BIRD OBSERVATIONS MARCH THROUGH JULY 1979. *'Elepaio* 41(6):47-49. Dec. 1980. WR 183
[741 N. Kalaheo Ave., Kailua, HI 96734] Annotated list.

81-008096 Pyle, Robert P. HAWAII BIRD OBSERVATIONS AUGUST 1979 THROUGH JULY 1980. *'Elepaio* 41(8):72-79. Feb. 1981. WR 183
Annotated list.

81-008097 Pyong-Oh Won and Joon-Young Kwak. [A SUMMER BIRD SURVEY OF THE ISLANDS IN THE VICINITY OF BIGEUM-DO, OFF THE SOUTHWESTERN COAST OF THE KOREAN PENINSULA.] *Korean Assoc. Conserv. Nat.* 16:123-136. 1979. In Korean with English summ. WR 183
[Dep. Biol., Kyung Hee Univ., Seoul 131, Korea]

81-008098 Rabenold, Kerry N. A REVERSED LATITUDINAL DIVERSITY GRADIENT IN AVIAN COMMUNITIES OF EASTERN DECIDUOUS FORESTS. *Am. Nat.* 114(2):275-286. Aug. 1979. WR 183
[Ecol., Univ. N.C., Chapel Hill 27514]

81-008099 Reynolds, Timothy D. and Charles H. Trost. GRAZING, CRESTED WHEATGRASS, AND BIRD POPULATIONS IN SOUTHEASTERN IDAHO. *Northwest Sci.* 55(3):225-234. Aug. 1981. WR 183
[Radiol. Environ. Sci. Lab., 550 Second St., Idaho Falls, ID 83401]

81-008100 Risberg, Lennart. FÅGELRAPPORT FÖR 1979. [BIRD REPORT FOR 1979.] *Vår Fågelvärld* 39(5):291-314. 1980. In Swedish with English summ. WR 183
[Hagmarksgatan 44, S-813 00 Hofors, Sweden]

81-008101 Robel, Robert J. and Nancy G. Browning. COMPARATIVE USE OF WOODY PLANTINGS BY NONGAME BIRDS IN KANSAS. *Wildl. Soc. Bull.* 9(2):141-148. 1981. WR 183
[Div. Biol., Kans. State Univ., Manhattan 66506]

81-008102 Roberts, T. J. ORNITHOLOGICAL NOTES FROM PAKISTAN. *J. Bombay Nat. Hist. Soc.* 78(1):73-76. Apr. 1981. WR 183
[Post Box 3311, Malir City Post Office, Karachi-23, Pakistan] Annotated list.

81-008103 Romero-Zambrano, Hernando. PRIMER REGISTRO DE DOCE AVES PARA COLOMBIA. [FIRST RECORD OF TWELVE BIRDS FOR COLOMBIA.] *Lozania (Acta Zool. Colombiana)* No. 26. p. 1-8. 15 Sept. 1978. In Spanish. WR 183
[Inst. Cienc. Nat., Mus. Hist. Nat., Univ. Nacl. Colombia, Bogota, Colombia]

BIRDS--FAUNAS, COMMUNITIES, AND MANUALS (CONTINUED)

81-008104 Rybczynski, Robert and Donald K. Riker. A TEMPERATE SPECIES-RICH ASSEMBLAGE OF MIGRANT FRUGIVOROUS BIRDS. *Auk* 98(1):176-179. Jan. 1981. WR 183
[I-206 Univ. Park Apts., Ithaca, NY 14850]

81-008105 Scharringa, C. J. G. and E. R. Osieck. ZELDZAME VOGELS IN NEDERLAND 1978. [RARE BIRDS IN THE NETHERLANDS 1978.] *Limosa* 53(1):27-33. 1980. In Dutch with English summ. WR 183
[Trompenburg 15, 1852 CB Heiloo, Netherlands]

81-008106 Scharringa, Kees (C.) J. G. and Eduard R. Osieck. ZELDZAME VOGELS IN NEDERLAND IN 1979. [RARE BIRDS IN THE NETHERLANDS IN 1979.] *Limosa* 54(1):17-28. 1981. In Dutch with English summ. WR 183
[Trompenburg 15, 1852 CB Heiloo, Netherlands]

81-008107 Schemske, Douglas W. and Nicholas Brokaw. TREEFALLS AND THE DISTRIBUTION OF UNDERSTORY BIRDS IN A TROPICAL FOREST. *Ecology* 62(4):938-945. Aug. 1981. WR 183
[Dep. Biol., Univ. Chicago, Chicago, IL 60637]

81-008108 Schifferli, Luc. DER BRUTVOGELBESTAND EINER KULTURLANDSCHAFT IM AARGAUISCHEN REUßTAL. [THE BREEDING BIRD COMMUNITY OF SWISS FARMLAND.] *Ornithol. Beob.* 78(1):41-46. Apr. 1981. In German with English summ. WR 183
[Schweiz. Vogelwarte, 6204 Sempach, Switzerland]

81-008109 Schulenberg, Thomas S. and Theodore A. Parker III. STATUS AND DISTRUBUTION OF SOME NORTHWEST PERUVIAN BIRDS. *Condor* 83(3):209-216. Aug. 1981. WR 183
[Mus. Zool., La. State Univ., Baton Rouge 70893] Data for 48 spp.

81-008110 Secoy, D. M. NOTES ON BIRDS IN NORTHERN SASKATCHEWAN, SUMMER 1976. *Blue Jay* 39(2):99-101. June 1981. WR 183
[Dep. Biol., Univ. Regina, Regina, Saskatchewan S4S 0A2, Canada]

81-008111 Sharland, R. E. and R. Wilkinson. THE BIRDS OF KANO STATE, NIGERIA. *Malimbus* 3(1):7-30. May 1981. WR 183
[P.O. Box 342, Kano, Nigeria] Annotated list.

81-008112 Sharma, Ashok Kumar. BIRDS OF SARISKA TIGER RESERVE. *Newsl. Birdwatchers* 21(5):7-10. May 1981. WR 183

81-008113 Siebenheller, Norma and William Siebenheller. THE BREEDING BIRD SURVEY - 1980. *Proc. Staten Island Inst. Arts Sci.* 31(1):24-27. Mar. 1981. WR 183

81-008114 Smith, Kimberly G. and James A. MacMahon. BIRD COMMUNITIES ALONG A MONTANE SERE: COMMUNITY STRUCTURE AND ENERGETICS. *Auk* 98(1):8-28. Jan. 1981. WR 183
[Dep. Biol. & Ecol. Cent., UMC 53, Utah State Univ., Logan 84322]

81-008115 Svensson, Sören. SVENSK FÅGELATLAS 1980. [SWEDISH BIRD ATLAS 1980.] *Vår Fågelvärld* 40(3):220-221. 1981. In Swedish. WR 183
[Ekologihuset, 223 62 Lund, Sweden]

BIRDS--FAUNAS, COMMUNITIES, AND MANUALS (CONTINUED)

81-008116 Taylor, P. B. BATES'S WEAVER *PLOCEUS BATESI* NEAR VICTORIA, AND OTHER OBSERVATIONS FROM WESTERN CAMEROUN. *Malimbus* 3(1):49-50. May 1981. WR 183
[P.O. Box 87336, Mombasa, Kenya] Data for 16 spp.

81-008117 Tingling, Jini Scammel; Daniel K. Edwards and John A. Crawford. DISTRIBUTION AND ABUDANCE OF PISCIVOROUS BIRDS IN THE COLUMBIA RIVER ESTUARY. *Estuaries* 4(3):276. Sept. 1981. Abstract only. WR 183
Data for 17 spp.

81-008118 Wagner, Judith L. SEASONAL CHANGE IN GUILD STRUCTURE: OAK WOODLAND INSECTIVOROUS BIRDS. *Ecology* 62(4):973-981. Aug. 1981. WR 183
[Dep. Biol. Sci., Calif. State Univ., Hayward 94542]

81-008119 Walker, F. J. NOTES ON THE BIRDS OF DHOFAR, OMAN. *Sandgrouse* No. 2. p. 56-85. 1981. WR 183
[67 Stonedale, Sutton Hill, Telford, Shropshire, England] Annotated list.

81-008120 Walker, F. J. NOTES ON THE BIRDS OF NORTHERN OMAN. *Sandgrouse* No. 2. p. 33-55. 1981. WR 183
[67 Stonedale, Sutton Hill, Telford, Shropshire, England] Annotated list.

81-008121 Wilson, Nixon and John B. Bowles. BIRDS RECORDED BROM BRUSHY CREEK RECREATION AREA, WEBSTER COUNTY, IOWA. *Iowa Bird Life* 51(2):50-53. July 1981. WR 183
[Dep. Biol., Univ. Northern Iowa, Cedar Falls]

81-008122 Yahner, Richard H. AVIAN WINTER ABUNDANCE PATTERNS IN FARMSTEAD SHELTERBELTS: WEATHER AND TEMPORAL EFFECTS. *J. Field Ornithol.* 52(1):50-56. 1981. WR 183
[Dep. Entomol., Fisheries & Wildl., Univ. Minn., St. Paul 55108]

BIRDS--MORPHOLOGY AND PHYSIOLOGY

81-008123 Calder, William A. III. DIURESIS ON THE DESERT? EFFECTS OF FRUIT- AND NECTAR-FEEDING ON THE HOUSE FINCH AND OTHER SPECIES. *Condor* 83(3):267-268. Aug. 1981. WR 183
[Dep. Ecol. & Evol. Biol., Univ. Ariz., Tucson 85721] *Archilochus alexandri*, *Auriparus flaviceps*, *Carpodacus mexicanus* and *Icterus cucullatus* in Arizona.

81-008124 Coulter, Malcolm C. A SOURCE OF VARIATION IN AVIAN GROWTH STUDIES: UNDIGESTED FOOD. *J. Field Ornithol.* 52(1):62. 1981. WR 183
[Dep. Ornithol., Am. Mus. Nat. Hist., Central West Park at 79th St., New York, NY 10024] *Sterna hirundo* in New York.

81-008125 Dropp, John; Frank Grosso and James Soyka. THE DISTRIBUTION, MORPHOLOGY AND HISTOCHEMISTRY OF MAST CELLS IN THE ENGLISH SPARROW, PARAKEET, WOODCOCK AND PHEASANT. *Proc. Pa. Acad. Sci.* 55(1):85-89. 1981. WR 183
[Dep. Sci. & Math., Mount Saint Mary's Coll., Emmitsburg, MD 21727] *Passer domesticus*, *Melopsittacus undulatus*, *Philohela minor* and *Phasianus colchicus*.

BIRDS--MORPHOLOGY AND PHYSIOLOGY (CONTINUED)

81-008126 Earlé, R. A. FACTORS GOVERNING AVIAN BREEDING IN *ACACIA* SAVANNA, PIETERMARITZBURG, PART 2: INTRINSIC FACTORS. *Ostrich* 52(2):74-83. June 1981. WR 183
[Dep. Zool., Univ. Natal, P.O. Box 375, Pietermaritzburg, South Africa 3000]

81-008127 Farner, Donald S.; Richard S. Donham and Michael C. Moore. INDUCTION OF TESTICULAR DEVELOPMENT IN HOUSE SPARROWS, *PASSER DOMESTICUS*, AND WHITE-CROWNED SPARROWS, *ZONOTRICHIA LEUCOPHRYS GAMBELII*, WITH VERY LONG DAYS AND CONTINUOUS LIGHT. *Physiol. Zool.* 54(3):372-378. July 1981. WR 183
[Dep. Zool., Univ. Wash., Seattle 98195]

81-008128 Follen, Don G., Sr. MORE ON ALBINISTIC OCCURRENCES. *Passenger Pigeon* 43(2):50. 1981. WR 183
[Arpin, WI] Data for 6 spp. of birds.

81-008129 Nomoto, S. and W. Rautenberg. TEMPERATURE REGULATION DURING BIPEDAL EXERCISE IN BIRDS (QUAILS AND PHEASANTS). *Pflügers Arch. Eur. J. Physiol.* 391(suppl):R47. 1981. Abstract only. WR 183
[Ruhr. Univ. Bochum, Postfach 102 148, D-4630 Bochum, West Germany]

81-008130 Oniki, Yoshika and Robert E. Ricklefs. MORE GROWTH RATES OF BIRDS IN THE HUMID NEW WORLD TROPICS. *Ibis* 123(3):349-354. July 1981. WR 183
[Dep. Biol., Univ. Miami, Coral Gables, FL 33124]

81-008131 Pulliainen, Erkki; Pekka Helle and Paavo Tunkkari. ADAPTIVE RADIATION OF THE DIGESTIVE SYSTEM, HEART AND WINGS OF *TURDUS PILARIS*, *BOMBYCILLA GARRULUS*, *STURNUS VULGARIS*, *PYRRHULA PYRRHULA*, *PINICOLA ENUCLEATOR* AND *LOXIA PYTYOPSITTACUS*. *Ornis Fenn.* 58(1):21-28. 1981. In English with Finnish summ. WR 183
[Dep. Zool., Univ. Oulu, SF-90100 Oulu, Finland]

81-008132 Robbins, Charles T. ESTIMATION OF THE RELATIVE PROTEIN COST OF REPRODUCTION IN BIRDS. *Condor* 83(2):177-179. May 1981. WR 183
[Dep. Zool., Wash. State Univ., Pullman 99104]

81-008133 Weathers, Wesley W. PHYSIOLOGICAL THERMOREGULATION IN HEAT-STRESSED BIRDS: CONSEQUENCES OF BODY SIZE. *Physiol. Zool.* 54(3):345-361. July 1981. WR 183
[Dep. Avian Sci., Univ. Calif., Davis 95616] Data for 6 spp.

BIRDS--BEHAVIOR

81-008134 Abdulali, Humayun. SPARROW 'HELPING' NESTING BULBULS. *J. Bombay Nat. Hist. Soc.* 77(3):513. Dec. 1980. WR 183
[75 Abdul Rehman St., Bombay-400 003, India] *Passer domesticus* and *Dycnonotus jocosus* in India.

81-008135 Andersson, Malte. FÖDOHAMSTRING HOS FÅGLAR. [FOOD HOARDING IN BIRDS.] *Vår Fågelvärld* 40(3):177-184. 1981. In Swedish with English summ. WR 183
[Zool. Inst., Box 25059, S-400 31 Göteborg, Sweden]

BIRDS--BEHAVIOR (CONTINUED)

81-008136 Bartel, Karl E. BLUEBIRD TRAIL RAISES TREE SWALLOWS. *Passenger Pigeon* 43(2):43-44. 1981. WR 183
[2528 W. Collins St., Blue Island, IL] *Sialia sialis* and *Iridoprocne bicolor* in Illinois.

81-008137 Bjorklund, Richard G. OBSERVATIONAL EVIDENCE FOR HOMING IN BIRDS. *Ill. Audubon Bull.* No. 195. p. 27-28. 1980/81. WR 183
[Dep. Biol., Bradley Univ., Peoria, IL 61625] *Caprimulgus carolinensis, Vireo solitarius* and *Dendroica discolor* in Illinois.

81-008138 Brown, Charles R. CHIMNEY SWIFT TRIES TO STEAL PREY FROM PURPLE MARTIN. *J. Field Ornithol.* 51(4):372-373. 1980. WR 183
[2601 Turtle Creek, Sherman, TX 75090] *Progne subis* and *Chaetura pelagica* in Texas.

81-008139 Brown, Charles R. THE IMPACT OF STARLINGS ON PURPLE MARTIN POPULATIONS IN UNMANAGED COLONIES. *Am. Birds* 35(3):266-268. May 1981. WR 183
[Dep. Biol., Princeton Univ., Princeton, NJ 08544] *Sturnus vulgaris* and *Progne subis.*

81-008140 Browne, P. W. P. BREEDING OF SIX PALAEARCTIC BIRDS IN SOUTHWEST MAURITANIA. *Bull. Br. Ornithol. Club* 101(2):306-310. June 1981. WR 183
[115 Crichton St., Ottawa, Ontario, K1M 1V8, Canada] *Charadrius alexandrinus, Cursorius cursor, Sterna nilotica, Alaemon alaudipes, Lanius excubitor* and *Passer simplex.*

81-008141 Case, Ted J. NICHE PACKING AND COEVOLUTION IN COMPETITION COMMUNITIES. *Proc. Natl. Acad. Sci. USA* 78(8):5021-5025. Aug. 1981. WR 183
[Dep. Biol., C-016, Univ. Calif., San Diego, La Jolla 92093]

81-008142 Clark, Anne Barrett and David Sloan Wilson. AVIAN BREEDING ADAPTATIONS: HATCHING ASYNCHRONY, BROOD REDUCTION, AND NEST FAILURE. *Q. Rev. Biol.* 56(3):253-277. Sept. 1981. WR 183
[Kellogg Biol. Stn., Mich. State Univ., Hickory Corners 49060]

81-008143 Clark, Karen L. and Raleigh J. Robertson. COWBIRD PARASITISM AND EVOLUTION OF ANTI-PARASITE STRATEGIES IN THE YELLOW WARBLER. *Wilson Bull.* 93(2):249-258. June 1981. WR 183
[Dep. Biol., Queen's Univ., Kingston, Ontario K7L 3N6, Canada] *Molothrus ater* and *Dendroica petechia* in Canada.

81-008144 Conole, Lawrie. UNUSUAL BEHAVIOUR OF A FUSCOUS HONEYEATER AND A HOUSE SPARROW AT BOULKHAM HILLS, N.S.W. *Aust. Bird Watcher* 9(1):24. Mar. 1981. WR 183
[85 Clarence St., West Geelong, Victoria 3218, Australia] *Lichenostomus fuscus* and *Passer domesticus* in Australia.

81-008145 Conrad, Charles. HOW SMART ARE BIRDS? *Redstart* 48(3):104-105. July 1981. WR 183
[Triadelphia, WV]

BIRDS--BEHAVIOR (CONTINUED)

81-008146 Elfin, Donald C. and Ronald Keiper. FOOD PREFERENCES OF BIRDS COMMONLY FOUND IN FRANKLIN COUNTY PENNSYLVANIA. *Proc. Pa. Acad. Sci.* 55(1):104. 1981. Abstract only. WR 183
[Dep. Biol., Pa. State Univ., Mont Alto 17237]

81-008147 Elliott, G. D and Norman Ellison. ALBINOS HARRASSED BY OWN SPECIES. *Br. Birds* 74(6):266. June 1981. WR 183
[c/o Royal Soc. Protection of Birds, The Lodge, Sandy, Bedfordshire SG19 2DL, England] *Delichon urbica* and *Apus apus* in England.

81-008148 Emlen, John T. DIVERGENCE IN THE FORAGING RESPONSES OF BIRDS ON TWO BAHAMA ISLANDS. *Ecology* 62(2):289-295. Apr. 1981. WR 183
[Dep. Zool., Univ. Wis., Madison 53706] *Dendroica pinus* and *Polioptila caerulea*.

81-008149 Gauci, Charles and Joe Sultana. INSTANCES OF BIRDS RE-LAYING IN SAME NEST CONTAINING INFERTILE EGGS. *Il-Merill* No. 21. p. 21. Jan.-Dec. 1980. WR 183
Cisticola juncidis, *Muscicapa striata* and *Sylvia conspicillata*.

81-008150 Gillespie, Murray M. PRAIRIE FALCON HARASSES CANADA GOOSE. *Blue Jay* 39(2):109. June 1981. WR 183
[Dep. Nat. Resour., 1495 St. James St., Winnipeg, Manitoba R3H 0W9, Canada] *Falco mexicanus* and *Branta canadensis* in Canada.

81-008151 Gladstone, Douglas E. PROMISCUITY IN MONOGAMOUS COLONIAL BIRDS. *Am. Nat.* 114(4):545-557. Oct. 1979. WR 183
[Dep. Biol., Univ. Pa., Philadelphia 19104] Review paper.

81-008152 Gruber, Steve. DISPLACEMENT OF THE YELLOW-FACED GRASSQUIT BY THE GUYANA PARROTLET IN COASTAL ST. ANN. *Gosse Bird Club Broadsheet* No. 36. p. 7-8. Mar. 1981. WR 183
Tiaris olivacea and *Forpus passerinus* in Jamaica.

81-008153 Hewson, Raymond. SCAVENGING OF MAMMAL CARCASES BY BIRDS IN WEST SCOTLAND. *J. Zool. (Lond.)* 194(4):525-537. Aug. 1981. WR 183
[Inst. Terrestrial Ecol., Blackhall, Banchory, Kincardineshire AB3 3PS, Scotland] *Buteo buteo*, *Corvus corax*, *Corvus corone* and *Larus marinus*.

81-008154 Hienz, R. D.; M. B. Sachs and J. M. Sinnott. DISCRIMINATION OF STEADY-STATE VOWELS BY BLACKBIRDS AND PIGEONS. *J. Acoust. Soc. Am.* 70(3):699-706. Sept. 1981. WR 183
[Johns Hopkins School Med., Baltimore, MD 21205] *Agelaius phonecius*, *Molothrus ater* and *Columba livia*.

81-008155 Hohtola, Esa. SHIVERING DURING TONIC IMMOBILITY IN BIRDS. *In Int. Congress of Physiol. Sci., Pécs, Hungary. Z. Szelényi and M. Székely, editors.* 28:447-449. 1980. WR 183
[Dep. Zool., Zoophysiol. Lab., Univ. Oulu, 90100 Oulu 10, Finland] *Columba livia* and *Passer domesticus*.

81-008156 Hohtola, Esa. TONIC IMMOBILITY AND SHIVERING IN BIRDS: EVOLUTIONARY IMPLICATIONS. *Physiol. Behav.* 27(3):475-480. Sept. 1981. WR 183

BIRDS--BEHAVIOR (CONTINUED)

81-008156 CONTINUED
[Zoophysiol. Lab., Univ. Oulu, SF-90100 Oulu 10, Finalnd] *Columba livia* and *Passer domesticus*.

81-008157 Howe, Henry F. DISPERSAL OF A NEOTROPICAL NUTMEG (*VIROLA SEBIFERA*) BY BIRDS. *Auk* 98(1):88-98. Jan. 1981. WR 183
[Program Evol. Ecol. & Behav., Dep. Zool., Univ. Iowa, Iowa City 52242]

81-008158 Howe, Henry F. and Gayle A. Vande Kerckhove. REMOVAL OF WILD NUTMEG (*VIROLA SURINAMENSIS*) CROPS BY BIRDS. *Ecology* 62(4):1093-1106. Aug. 1981. WR 183
[Program in Evol. Ecol. & Behav., Dep. Zool., Univ. Iowa, Iowa City 52242]

81-008159 Kantak, Gail E. TEMPORAL FEEDING PATTERNS OF SOME TROPICAL FRUGIVORES. *Condor* 83(2):185-187. May 1981. WR 183
[Dep. Zool., Univ. Wis., Madison 53706]

81-008160 Katzir, Gadi. INTER-SPECIFIC HIERARCHY AND INFORMATION USE. *Ardea* 69(2):209-210. 1981. In English. WR 183
[Dep. Biol., Ben Gurion Univ., Beer-Sheva, Israel]

81-008161 Kilham, Lawrence. REACTION OF BIRDS TO INJURED CONSPECIFICS. *Jack-Pine Warbler* 59(2):67-68. June 1981. WR 183
[Dep. Micro., Dartmouth Med. School, Hanover, NH 03755] *Seiurus noveboracensis*, *Sitta carolinensis* and *Picoides pubescens*.

81-008162 Lowther, Peter E. AMERICAN ROBIN REARS BROWN-HEADED COWBIRD. *J. Field Ornithol.* 52(2):145-147. 1981. WR 183
[Mus. Nat. Hist., Univ. Kans., Lawrence 66045] *Turdus migratorius* and *Molothrus ater* in Kansas.

81-008163 MacLean, S. F., Jr. and T. R. Seastedt. AVIAN TERRITORIALITY: SUFFICIENT RESOURCES OR INTERFERENCE COMPETITION. *Am. Nat.* 114(2):308-312. Aug. 1979. WR 183
[Div. Life Sci., Inst. Arctic Biol., Univ. Alaska, Fairbanks 99701]

81-008164 Myers, J. P. A TEST OF THREE HYPOTHESES FOR LATITUDINAL SEGREGATION OF THE SEXES IN WINTERING BIRDS. *Can. J. Zool.* 59(8):1527-1534. Aug. 1981. In English with French summ. WR 183
[Mus. Vertebr. Zool., Univ. Calif., Berkeley 94720] *Phalaropus fulicarius* and *Calidris alba*.

81-008165 Navarro, A. OBSERVATIONS ON PAIR FORMATION. *Newsl. Birdwatchers* 21(5):3-7. May 1981. WR 183

81-008166 Newby, R. CECIDOPHAGY IN BIRDS. *Sunbird* 11(2):41. June 1980. WR 183
[Dep. Biol., Capricornia Inst. Advanced Education, Rockhampton, Queensland 4700, Australia] *Trichoglossus haematodus*.

81-008167 Norén, Lars-Göran. HAVSÖRN TAR BYTE FRÅN STORSKARV. [WHITE-TAILED EAGLES *HALIAEETUS ALBICILLA* KELPTOPARASITIZING CORMORANTS *PHALACROCORAX CARBO*.] *Vår Fågelvärld* 40(3):216. 1981. In

BIRDS--BEHAVIOR (CONTINUED)

81-008167 CONTINUED Swedish with English summ. WR 183
[Lilla Brogatan 41, 502 30 Borås, Sweden]

81-008168 Norberg, R. Åke. OPTIMAL FLIGHT SPEED IN BIRDS WHEN FEEDING YOUNG. *J. Anim. Ecol.* 50(2):473-477. June 1981. WR 183
[Dep. Zool., Univ. Göteborg, Box 25059, S-40031 Göteborg, Sweden]

81-008169 Norberg, R. Åke. WHY FORAGING BIRDS IN TREES SHOULD CLIMB AND HOP UPWARDS RATHER THAN DOWNWARDS. *Ibis* 123(3):281-288. July 1981. WR 183
[Dep. Zool., Univ. Göteborg, Box 25059, S-400 31 Göteborg, Sweden]

81-008170 Oksanen, L.; S. D. Fretwell and O. Järvinen. INTERSPECIFIC AGGRESSION AND THE LIMITING SIMILARITY OF CLOSE COMPETITORS: THE PROBLEM OF SIZE GAPS IN SOME COMMUNITY ARRAYS. *Am. Nat.* 114(1):117-129. July 1979. WR 183
[Kevo Subarctic Res. Inst., Univ. Turku, SF-20500 Turku 50, Finland] In birds.

81-008171 Pikula, Jiří. DIE ÜBERDECKUNG DER NISTNISCHEN BEI DEN ARTEN DER GATTUNGEN *PASSER* UND *PHOENICURUS* IN DER ČSSR. [BREEDING NICHE OVERLAP OF THE GENERA *PASSER* AND *PHOENICURUS* IN THE ČSSR.] *Folia Zool. (Brno)* 29(4):325-341. 1980. In German with English summ. WR 183
[Inst. Vertebr. Zool., Czechoslovak Acad. Sci., Květná 8, 603 65 Brno, Czechoslovakia] *Passer domesticus, P. montanus, Phoenicurus phoenicurus* and *P. ochruros.*

81-008172 Pyke, Graham H. WHY HUMMINGBIRDS HOVER AND HONEYEATERS PERCH. *Anim. Behav.* 29(3):861-867. Aug. 1981. WR 183
[Dep. Vertebr. Ecol., Australian Mus., P.O. Box 285, Sydney, New South Wales, 2000, Australia] Trochilidae and Meliphagidae.

81-008173 Roberts, Robert C. THE EVOLUTION OF AVIAN FOOD-STORING BEHAVIOR. *Am. Nat.* 114(3):418-438. Sept. 1979. WR 183
[Coll. General Studies, Western Mich. Univ., Kalamazoo 49001]

81-008174 Ryan, Mark R. EVASIVE BEHAVIOR OF AMERICAN COOTS TO KLEPTOPARASITISM BY WATERFOWL. *Wilson Bull.* 93(2):274-275. June 1981. WR 183
[Dep. Anim. Ecol., Iowa State Univ., Ames 50011] *Fulica americana, Anas americana* and *A. strepera* in Iowa.

81-008175 Savard, Jean-Pierre L. and J. Bruce Falls. INFLUENCE OF HABITAT STRUCTURE ON THE NESTING HEIGHT OF BIRDS IN URBAN AREAS. *Can. J. Zool.* 59(6):924-932. June 1981. WR 183
[Canadian Wildl. Serv., Box 340, Delta, British Columbia, Canada V4K 3Y3]

81-008176 Sick, Helmut and Dante Martin Teixeira. NOCTURNAL ACTIVITIES OF BRAZILIAN HUMMINGBIRDS AND FLYCATCHERS AT ARTIFICIAL ILLUMINATION. *Auk* 98(1):191-192. Jan. 1981. WR 183
[Mus. Nacl., Rio de Janeiro, Brazil] *Pitangus sulphuratus* and *Tyrannus melancholicus.*

BIRDS--BEHAVIOR (CONTINUED)

81-008177 Simmonds, Fred. CROW-PHEASANT KILLING A HARE. *Newsl. Birdwatchers* 21(5):13. May 1981. WR 183
Antropus sinensis and *Lepus nigricollis* in India.

81-008178 Smith, Don. PEREGRINE'S METHOD OF ATTACKING DUCKS ON WATER. *Br. Birds* 74(6):264. June 1981. WR 183
[Pennyghael, Mairs Rd., Darvel, Ayrshire KA17 0LA, Scotland] *Falco peregrinus* and *Aythya ferina* in England.

81-008179 Smith, James N. M. COWBIRD PARASITISM, HOST FITNESS, AND AGE OF THE HOST FEMALE IN AN ISLAND SONG SPARROW POPULATION. *Condor* 83(2):152-161. May 1981. WR 183
[Dep. Zool., Univ. British Columbia, 2354-6270 University Blvd., University Campus, Vancouver, British Columbia, Canada V6T 2A9] *Molothrus ater* and *Melospiza melodia* in Canada.

81-008180 Steen, Johan B. and Howard Parker. THE EGG-"NUMEROSTAT". A NEW CONCEPT IN THE REGULATION OF CLUTCH-SIZE. *Ornis Scand.* 12(2):109-110. Aug. 1981. WR 183
[Inst. Zoophysiol., Univ. Oslo, P.O. Box 1051, Blindern, Oslo 3, Norway]

81-008181 Sultana, Joe and Charles Gauci. CATCHING PREY IN A 'FLYCATCHER MANNER'. *Il-Merill* No. 21. p. 21. Jan.-Dec. 1980. WR 183
Sturnus vulgaris, Passer hispaniolensis, Lanius senator and *Coracias garrulus.*

81-008182 Vassallo, Alfred. HERRING GULLS CHASING GREY HERONS. *Il-Merill* No. 21. p. 25. Jan.-Dec. 1980. WR 183
Larus argentatus and *Ardea cinerea.*

81-008183 Wagner, Judith L. VISIBILITY AND BIAS IN AVIAN FORAGING DATA. *Condor* 83(3):263-264. Aug. 1981. WR 183
[Dep. Biol. Sci., Calif. State Univ., Hayward 94542]

BIRDS--POPULATION DYNAMICS

81-008184 Caraco, Thomas. STOCHASTIC DYNAMICS OF AVIAN FORAGING FLOCKS. *Am. Nat.* 115(2):262-275. Feb. 1980. WR 183
[Dep. Biol., Univ. Rochester, Rochester, NY 14627]

81-008185 Marchant, John and Kenneth Taylor. BIRD POPULATION CHANGES FOR THE YEARS 1979-80. *Bird Study* 28(2):147-152. July 1981. WR 183
[British Trust Ornithol., Beech Grove, Tring, Hertfordshire HP23 5NR, England]

81-008186 Reed, Timothy. THE NUMBER OF BREEDING LANDBIRD SPECIES ON BRITISH ISLANDS. *J. Anim. Ecol.* 50(2):613-624. June 1981. WR 183
[Edward Grey Inst., Dep. Zool., South Parks Rd., Oxford, OX1 3PS, England]

81-008187 Shuford, W. David. A NOTE ON ASSESSING THE STATUS OF VAGRANT WARBLERS ON THE CALIFORNIA COAST. *Am. Birds* 35(3):264-266. May 1981. WR 183
[Box 781, Bodega Bay, CA 94923]

BIRDS--POPULATION DYNAMICS (CONTINUED)

81-008188 Sperry, Theodore M. BREEDING-BIRD POPULATIONS TRENDS IN SOUTHEASTERN KANSAS. *Kans. Ornithol. Soc. Bull.* 32(3):29-39. Sept. 1981. WR 183
[Biol. Dep., Pittsburg State Univ., Pittsburg, KS 66762]

BIRDS--MIGRATION AND BANDING REPORTS

81-008189 Anker-Nilssen, T. Anker and K. Adelsten Jensen. RINGMERKING AV FORSKJELLIGE FUGLEARTER PÅ SVALBARD I ÅRENE FØR 1974. [BIRD-BANDING ON SPITZBERGEN IN THE YEARS BEFORE 1974.] *Medd. Nor. Viltforsk.* 3(9):1-18. 1981. In Norwegian with English intro. WR 183
[Ringmerkingssentralen, Zool. Mus., Oslo, Norway]

81-008190 Busse, Przemysław and Grażyna. Halastra. JESIENNY PRZELOT PTAKÓW NA POLSKIM WYBRZEŻU BAŁTYKU. [THE AUTUMN MIGRATION OF BIRDS ON THE POLISH BALTIC SEA COAST.] *Acta Ornithol. (Warsaw)* 18(3):1-121. 30 Apr. 1981. In Polish with Russian and English summ. WR 183
[Bird Migration Res. Stn., Przebędowo, 84-210 Choczewo, Poland]

81-008191 Conroy, Michael J. and B. Kenneth Williams. SENSITIVITY OF BAND REPORTING-RATE ESTIMATES TO VIOLATIONS OF ASSUMPTIONS. *J. Wildl. Manage.* 45(3):789-792. July 1981. WR 183
[Migratory Bird & Habitat Res. Lab., Laurel, MD 20811]

81-008192 Faaborg, John and Janice E. Winters. MORE RETURNS FROM THE GUANICA FOREST, PUERTO RICO. *J. Field Ornithol.* 51(4):368. 1980. WR 183
[Div. Biol. Sci., Univ. Mo., Columbia 65211]

81-008193 Hjort, Christian and Jan Pettersson. OTTENBY FAGELSTATION - HOSTSASONGEN 1979. [OTTENBY BIRD OBSERVATORY - AUTUMN REPORT 1979.] *Calidris* 80(1):39-44. 1980. From Ecol. Abstr. 1981/1:81L/0879. 1981. In Swedish with English summ. WR 183

81-008194 Layton, Irene. 1980 BIRD BANDING IN IOWA. *Iowa Bird Life* 51(2):60-62. June 1981. WR 183
[Oskaloosa, IA]

81-008195 Ralph, C. John. AGE RATIOS AND THEIR POSSIBLE USE IN DETERMINING AUTUMN ROUTES OF PASSERINE MIGRANTS. *Wilson Bull.* 93(2):164-188. June 1981. WR 183
[Inst. Pacific Islands Forestry, 1151 Punchbowl St., Honolulu, HI 96813] Analysis of 61 migrant passerine species.

81-008196 Ross, Gunnar. STRACKRAKNINGAR VID FALSTERBO HOSTEN 1979. [VISIBLE BIRD MIGRATION AT FALSTERBO IN AUTUMN 1979.] *Anser* 19(2):75-96. 1980. From Ecol. Abstr. 1981/2:81L/2371. 1981. In Swedish with English summ. WR 183

81-008197 Scott, F. R. BANDING RESULTS AT KIPTOPEKE BEACH IN 1978. *Raven* 51(1):11-13. Mar. 1980. WR 183
[115 Kennondale Lane, Richmond, VA 23226]

BIRDS--MIGRATION AND BANDING REPORTS (CONTINUED)

81-008198 Sharland, R. E. RINGING IN NIGERIA IN 1980. 23RD ANNUAL REPORT. *Malimbus* 3(1):39-40. May 1981. WR 183
[P.O. Box 342, Kano, Nigeria]

81-008199 Sutherland, William J. and Duncan J. Brooks. THE AUTUMN MIGRATION OF RAPTORS, STORKS, PELICANS AND SPOONBILLS AT THE BELEN PASS, SOUTHERN TURKEY. *Sandgrouse* No. 2. p. 1-21. 1981. WR 183
[Dep. Zool., Edward Grey Inst. Field Ornithol., South Parks Rd., Oxford OX1 3PS, England]

81-008200 Tallman, Dan A. FALL 1980 BANDING IN ABERDEEN. *S.D. Bird Notes* 33(3):55-58. Sept. 1981. WR 183
[Northern State Coll., Aberdeen, SD 57401]

81-008201 Thake, M. A. FALLS OF AUTUMN MIGRANTS: 7-9.9.76. *Il-Merill* No. 21. p. 19-20. Jan.-Dec. 1980. WR 183

81-008202 Zonfrillo, B. ISLE OF MAY BIRD OBSERVATORY AND FIELD STATION REPORT FOR 1980. *Scott. Birds* 11(7):214-219. 1981. WR 183
[28 Brodie Rd., Glasgow, G21 3SB Scotland]

BIRDS--MORTALITY AND SURVIVAL

81-008203 Crawford, Robert L. WEATHER, MIGRATION AND AUTUMN BIRD KILLS AT A NORTH FLORIDA TV TOWER. *Wilson Bull.* 93(2):189-195. June 1981. WR 183
[Tall Timbers Res. Stn., Rt. 1, Box 160, Tallahasse, FL 32312]

81-008204 Khacher, Lav Kumar. BIRDS KILLED AT LIGHTS - A MYSTERY. *Newsl. Birdwatchers* 21(5):17-18. May 1981. WR 183

81-008205 Kirby, Ronald E.; John H. Riechman and Ted W. Schoenfelder. RECUPERATION FROM CRIPPLING IN DUCKS. *Wildl. Soc. Bull.* 9(2):150-153. 1981. WR 183
[U.S. Fish & Wildl. Serv., Div. Refuge Manage., Washington, DC 20240]

81-008206 Longley, Wm. H. CAR-KILLED BIRDS. *Loon* 53(3):169-170. 1981. WR 183
[Dep. Nat. Resour., Centennial Bldg., St. Paul, MN 55155]

81-008207 Marsden, J. Ellen; Timothy C. Willaims; Victor Krauthamer and Helene Krauthamer. EFFECT OF NUCLEAR POWER PLANT LIGHTS ON MIGRANTS. *J. Field Ornithol.* 51(4):315-318. 1980. WR 183
[Dep. Neurobiol. & Behav., Cornell Univ., Ithaca, NY 14850]

81-008208 Verheijen, F. J. BIRD KILLS AT TALL LIGHTED STRUCTURES IN THE USA IN THE PERIOD 1935-1973 AND KILLS AT A DUTCH LIGHTHOUSE IN THE PERIOD 1924-1928 SHOW SIMILAR LUNAR PERIODICITY. *Ardea* 69(2):199-203. 1981. In English with Dutch summ. WR 183
[Lab. Comp. Physiol., State Univ. Utrecht, Utrecht, Netherlands]

BIRDS--MORTALITY AND SURVIVAL (CONTINUED)

81-008209 Verheijen, F. J. BIRD KILLS AT LIGHTED MAN-MADE STRUCTURES: NOT ON NIGHTS CLOSE TO A FULL MOON. *Am. Birds* 35(3):251-254. May 1981. WR 183
[Lab. Comp. Physiol., State Univ. Utrecht, Jan van Galenstraat 40, 3572 LA Utrecht, Netherlands]

BIRDS--PESTICIDES AND POLLUTION

81-008210 Barbehenn, Kyle R. and William L. Reichel. ORGANOCHLORINE CONCENTRATIONS IN BALD EAGLES: BRAIN/BODY LIPID RELATIONS AND HAZARD EVALUATION. *J. Toxicol. Environ. Health* 8(1-2):325-330. July-Aug. 1981. WR 183
[Reichel: Patuxent Wildl. Res. Cent., Laurel, MD 20811] *Haliaeetus leucocephalus.*

81-008211 Byung-Yoon Min; Ryo Tatsukawa and Pyong-Oh Won. [ORGANOCHLORINE COMPOUND RESIDUES IN BREEDING AND WINTERING GROUNDS OF ENDANGERED BIRDS IN KOREA.] *Bull. Korean Assoc. Conserv. Nat. Ser.* 3:229-239. 1981. In Korean with English summ. WR 183
[Fac. Agric., Ehime Univ., Matsuyama, Japan]

81-008212 Cabe, Patrick A. and Peter B. Colwell. TOXIC EFFECTS OF ACRYLAMIDE IN JAPANESE QUAIL (*COTURNIX COTURNIX JAPONICA*). *J. Toxicol. Environ. Health* 7(6):935-940. June 1981. WR 183
[Lab. Behav. Neurol. Toxicol., Natl. Inst. Environ. Health Sci., Research Triangle Park, NC 27709]

81-008213 Capen, David E. and Thomas J. Leiker. DDE RESIDUES IN BLOOD AND OTHER TISSUES OF WHITE-FACED IBIS. *Environ. Pollut.* 19(2):163-171. June 1979. WR 183
[School Nat. Res., Univ. Vt., Burlington 05405] *Plegadis chihi* in Utah.

81-008214 Cooke, A. S. EGG SHELL CHARACTERISTICS OF GANNETS *SULA BASSANA*, SHAGS *PHALACROCORAX ARISTOTELIS* AND GREAT BLACK-BACKED GULLS *LARUS MARINUS* EXPOSED TO DDE AND OTHER ENVIRONMENTAL POLLUTANTS. *Environ. Pollut.* 19(1):47-65. May 1979. WR 183
[Nat. Conserv. Council., Godwin House, Huntingdon, PE18 6BU, England]

81-008215 Custer, Thomas W. and Gary H. Heinz. REPRODUCTIVE SUCCESS AND NEST ATTENTIVENESS OF MALLARD DUCKS FED AROCLOR 1254. *Environ. Pollut. Ser. A Ecol. Biol.* 21(4):313-318. Apr. 1980. WR 183
[U.S. Fish Wildl. Serv., Patuxent Wildl. Res. Cent., Laurel, MD 20811] *Anas platyrhynchos.*

81-008216 Eastin, William C., Jr. and Thomas J. O'Shea. EFFECTS OF DIETARY NICKEL ON MALLARDS. *J. Toxicol. Environ. Health* 7(6):883-892. June 1981. WR 183
[Patuxent Wildl. Res. Cent., Laurel, MD 20811] *Anas platyrhynchos.*

BIRDS--PESTICIDES AND POLLUTION (CONTINUED)

81-008217 Furness, Robert and Malcolm Hutton. POLLUTANT LEVELS IN THE GREAT SKUA *CATHARACTA SKUA*. *Environ. Pollut.* 19(4):261-268. Aug. 1979. WR 183
[Dep. Zool., Glasgow Univ., Glasgow G12 8QQ, Scotland]

81-008218 Gochfeld, Michael. MERCURY LEVELS IN SOME SEABIRDS OF THE HUMBOLDT CURRENT, PERU. *Environ. Pollut. Ser. A Ecol. Biol.* 22(3):197-205. July 1980. WR 183
[Occupational Health Program, N.J. State Dep. Health, Box 1540, Trenton, 08625]

81-008219 Gochfeld, Michael. PREVALENCE OF OILED PLUMAGE OF TERNS AND SKIMMERS ON WESTERN LONG ISLAND, NEW YORK: BASELINE DATA PRIOR TO PETROLEUM EXPLORATION. *Environ. Pollut.* 20(2):123-130. Oct. 1979. WR 183
[N.J. State Dep. Health, Trenton 08625] *Sterna hirundo, Rynchops niger* and *S. dougallii*.

81-008220 Hansen, Donald J. THE RELATIVE SENSITIVITY OF SEABIRD POPULATIONS IN ALASKA TO OIL SPILLS. *Proc. Alaska Sci. Conf. (Fairbanks)* 32:96-97. 1981. Abstract only. WR 183
[Alaska OCS Office, Bur. Land Manage., Anchorage 99510]

81-008221 Hansen, Steen G. and Inge Kraul. SHELL THICKNESS AND RESIDUES OF DIELDRIN, DDE AND PCB IN EGGS OF DANISH GOOSANDERS *MERGUS MERGANSER*. *Ornis Scand.* 12(2):160-165. Aug. 1981. WR 183
[Fasterlundvej 4, DK-6900 Skjern, Denmark]

81-008222 Harradine, John. LEAD POLLUTION IN THE MERSEY ESTUARY. *WAGBI Mag.* p. 12. 1980. From Ecol. Abstr. 1981/1:81L/1110. 1981. WR 183

81-008223 Harris, M. P. and D. Osborn. EFFECT OF A POLYCHLORINATED BIPHENYL ON THE SURVIVAL AND BREEDING OF PUFFINS. *J. Appl. Ecol.* 18(2):471-479. Aug. 1981. WR 183
[Inst. Terrestrial Ecol., Hill of Brathens, Banchory, Kincardineshire, Scotland] *Fratercula arctica*.

81-008224 Heinz, Gary H. and Susan D. Haseltine. AVOIDANCE BEHAVIOUR OF YOUNG BLACK DUCKS TREATED WITH CHROMIUM. *Toxicol. Lett.* 8:307-310. 1981. WR 183
[Patuxent Wildl. Res. Cent., Laurel, MD 20811] *Anas rubripes*.

81-008225 Hoffman, David J.; Oliver H. Pattee; Stanley N. Wiemeyer and Bernard Mulhern. EFFECTS OF LEAD SHOT INGESTION ON δ-AMINOLEVULINIC ACID DEHYDRATASE ACTIVITY, HEMOGLOBIN CONCENTRATION, AND SERUM CHEMISTRY IN BALD EAGLES. *J. Wildl. Dis.* 17(3):423-431. July 1981. WR 183
[Patuxent Wildl. Res. Cent., Laurel, MD 20811] *Haliaeetus leucocephalus*.

81-008226 Hutton, M. and G. T. Goodman. METAL CONTAMINATION OF FERAL PIGEONS *COLUMBA LIVIA* FROM THE LONDON AREA: PART 1--TISSUE ACCUMULATION OF LEAD, CADMIUM AND ZINC. *Environ. Pollut. Ser. A Ecol. Biol.* 22(3):207-217. July 1980. WR 183
[Monitoring & Assessment Res. Cent., Chelsea Coll., Univ. London, London SW10 0QX, England]

BIRDS--PESTICIDES AND POLLUTION (CONTINUED)

81-008227 Hutton, M. METAL CONTAMINATION OF FERAL PIGEONS *COLUMBA LIVIA* FROM THE LONDON AREA: PART 2--BIOLOGICAL EFFECTS OF LEAD EXPOSURE. *Environ. Pollut. Ser. A Ecol. Biol.* 22(4):281-293. Aug. 1980. WR 183
[Monitoring & Assessment Res. Cent., Chelsea Coll., Univ. London, London SW10 0QX, England]

81-008228 Kendall, Ronald J. and Patrick F. Scanlon. CHRONIC LEAD INGESTION AND NEPHROPATHY IN RINGED TURTLE DOVES. *Poult. Sci.* 60(9):2028-2032. Sept. 1981. WR 183
[Huxley Coll. Environ. Studies, Western Wash. Univ., Bellingham 98225] *Streptopelia risoria.*

81-008229 Kolaja, Gerald J. and David E. Hinton. ULTRASTRUCTURAL ALTERATIONS IN THE EGGSHELL GLAND EPITHELIUM OF THE MALLARD DUCK AFTER CHRONIC EXPOSURE TO DDT. *Environ. Pollut.* 17(3):237-244. Nov. 1978. WR 183
[Comp. Pathol. & Surgery Branch, Vet. Med. Div., Biomed. Lab., Aberdeen Proving Ground, MD 21010] *Anas platyrhynchos.*

81-008230 Lutz-Ostertag, Yvonne and Marie-Thérèse Bruel. ACTION EMBRYOTOXIQUE ET TÉRATOGÈNE DU DICHLORVOS (INSECTICIDE ORGANOPHOSPHORÉ) SUR LE DÉVELOPPEMENT DE L'EMBRYON DE CAILLE. [EMBRYOTOXIC AND TERATOGENOUS ACTION OF DICHLORVOS (ORGANOPHOSPHATE INSECTICIDE) ON QUAIL EMBRYO DEVELOPMENT.] *C.R. Hebd. Séances Acad. Sci. Sér. III* 292(18):1051-1054. 18 May 1981. In French with English summ. WR 183
[Lab. Biol. Anim., E.R.A., C.N.R.S. No. 408, Univ. Clermont-II, B. P. No. 45, 63170 Aubière, France]

81-008231 Mayack, Lynn A.; Parshall B. Bush; Oscar J. Fletcher; R. K. Page and Timothy T. Fendley. TISSUE RESIDUES OF DIETARY CADMIUM IN WOOD DUCKS. *Arch. Environ. Contam. Toxicol.* 10(5):637-645. Sept. 1981. WR 183
[Ext. Poultry Sci. Dep., Univ. Ga., Athens 30602] *Aix sponsa.*

81-008232 Nygård, Torgeir. MILJØGIFTER I EUROPEISKE DAGROVFUGLER OG UGLER. [ANNOTATED BIBLIOGRAPHY UPON PESTICIDES IN EUROPEAN DIURNAL BIRDS OF PREY AND OWLS.] *Medd. Nor. Viltforsk.* 3(10):ii + 64p. 1981. In Norwegian. WR 183
[Zool. Inst., Univ. Trondheim, Rosenborg, N-7000 Trondheim, Norway]

81-008233 Osborn, D. SEASONAL CHANGES IN THE FAT, PROTEIN AND METAL CONTENT OF THE LIVER OF THE STARLING *STURNUS VULGARIS*. *Environ. Pollut.* 19(2):145-155. June 1979. WR 183
[Inst. Terrestrial Ecol., Monks Wood Exp. Stn., Abbots Ripton, Huntingdon PE17 2LS, England]

81-008234 Rattner, Barnett A. TOLERANCE OF ADULT MALLARDS TO SUBACUTE INGESTION OF CRUDE PETROLEUM OIL. *Toxicol. Lett.* 8:337-342. 1981. WR 183
[Patuxent Wildl. Res. Cent., Laurel, MD 20811] *Anas platyrhynchos.*

81-008235 Rinsky, Aliza and A. S. Perry. INDUCTION OF THE MIXED-FUNCTION OXIDASE SYSTEM IN THE LIVER OF THE BARN OWL *TYTO ALBA* BY PCBs. *Pestic. Biochem. Physiol.* 16(1):72-78. Aug. 1981. WR 183
[Perry: Inst. Nat. Conserv. Res., Tel-Aviv Univ., Tel-Aviv, Israel]

BIRDS--PESTICIDES AND POLLUTION (CONTINUED)

81-008236 Rinsky, Aliza. INDUCTION OF THE M-F-O SYSTEM IN THE LIVER OF THE BARN OWL BY PCB'S. *Isr. J. Zool.* 29(4):202. 1980. Abstract only. WR 183
[Dep. Zool., Tel Aviv Univ., Tel Aviv, Israel] *Tyto alba*.

81-008237 Rudd, R. L.; R. B. Craig and W. S. Williams. TROPHIC ACCUMULATION OF DDT IN A TERRESTRIAL FOOD WEB. *Environ. Pollut. Ser. A Ecol. Biol.* 25(3):219-228. July 1981. WR 183
[Dep. Zool., Univ. Calif., Davis 95616] *Lanius ludovicianus*.

81-008238 Simpson, V. R.; A. E. Hunt and M. C. French. CHRONIC LEAD POISONING IN A HERD OF MUTE SWANS. *Environ. Pollut.* 18(3):187-202. Mar. 1979. WR 183
[MAFF Vet. Investigation Cent., The Elms, Sutton Bonington, Loughborough, Leics., LE12 5RB, England] *Cygnus olor* in England.

81-008239 Slobodník, Vladimír. VPLYV IMISIÍ PODBREZOVSKÝCH ŽELEZIARNÍ NA KVANTITATÍVNY VÝSKYT VTÁCTVA LESNÉHO BIOTOPU. [THE INFLUENCE OF IMMISSIONS EMANATING FROM THE PODBREZOVÁ IRON WORKS ON THE QUANTITATIVE OCCURRENCE OF FOREST BIOTOPE AVIFAUNA.] *Biológia (Bratisl.)* 36(2):127-133. 1981. With Russian and English summ. WR 183
[Zool., Univ. Komenského, Šafárikovo nám. 6, 80607 Bratislava, Czechoslovakia]

81-008240 Sporre, D. Thomas and William Blevins. INCIDENCE OF LEAD AND STEEL SHOT IN INDIANA WATERFOWL GIZZARDS DURING THE THREE HUNTING SEASONS 1977-78 THROUGH 1979-80. *Indiana Dep. Nat. Resour. P.-R. Bull.* No. 12. i + 22p. May 1981. WR 183

81-008241 Stoneburner, D. L.; P. C. Patty and W. B. Robertson, Jr. EVIDENCE OF HEAVY METAL ACCUMULATIONS IN SOOTY TERNS. *Sci. Total. Environ.* 14(2):147-152. Mar. 1980. WR 183
[Inst. Ecol., Univ. Ga., Athens 30605] *Sterna fuscata* in Florida.

81-008242 Stoneburner, D. L. and C. S. Harrison. HEAVY METAL RESIDUES IN SOOTY TERN TISSUES FROM THE GULF OF MEXICO AND NORTH CENTRAL PACIFIC OCEAN. *Sci. Total Environ.* 19(1):51-58. May 1981. WR 183
[Inst. Ecol., Univ. Ga., Athens 30602] *Sterna fuscata fuscata*.

81-008243 White, Donald H.; Kirke A. King; Christine A. Mitchell and Alexander J. Krynitsky. BODY LIPIDS AND PESTICIDE BURDENS OF MIGRANT BLUE-WINGED TEAL. *J. Field Ornithol.* 52(1):23-28. 1981. WR 183
[Patuxent Wildl. Res. Cent., P.O. Box 2506, Victoria, TX 77901] *Anas discors*.

81-008244 Wiemeyer, Stanley N. and Eugene Cromartie. RELATIONSHIPS BETWEEN BRAIN AND CARCASS ORGANOCHLORINE RESIDUES IN OSPREYS. *Bull. Environ. Contam. Toxicol.* 27(4):499-505. Oct. 1981. WR 183
[Patuxent Wildl. Res. Cent., Laurel, MD 20811] *Pandion haliaetus*.

81-008245 Windingstad, R. M. and D. M. Swineford. EUSTRONGYLIDES AND PESTICIDES LEVELS IN A GREAT BLUE HERON SHOT IN WISCONSIN. *Prairie Nat.* 13(2):61-62. June 1981. WR 183
[Natl. Wildl. Health Lab., Madison, WI 53706] *Ardea herodias*.

BIRDS--PARASITES AND DISEASES

81-008246 Clubb, Susan L. BACTERIAL DISEASES OF PSITTACINE BIRDS. *A.F.A. Watchbird* 7(6):30-31. Dec. 1980/Jan. 1981. WR 183

81-008247 Kaleta, E. F. and H.-J. Marschall. NEWCASTLE DISEASE IN A ZOO AFFECTING DEMOISELLE CRANES (*ANTHROPOIDES VIRGO*), GREATER FLAMINGOS (*PHOENICOPTERUS RUBER*) AND A PIED IMPERIAL PIGEON (*DUCULA BICOLOR*). *Avian Pathol.* 10(3):395-401. 1981. In English with French and German summ. WR 183

81-008248 Outhier, Gordon J. TREATMENT OF AIR-SAC MITES *STERNOSTOMA TRACHEACOLUM* vs. CARBORYL IN LADY GOULDIANS AND CANARIES. *A.F.A. Watchbird* 7(4):36-40, 42. Aug./Sept. 1980. WR 183

81-008249 Terres, John K. DISEASES OF BIRDS--HOW AND WHY SOME BIRDS DIE. *Am. Birds* 35(3):255-260. May 1981. WR 183
[255 Glen Rd., Woodcliff Lake, NJ 07675]

81-008250 Witt, Hans-H. and Robert Sutton. HAEMATOZOA OF JAMAICAN BIRDS, PREVALENCE AND EFFECTS. *Gosse Bird Club Broadsheet* No. 36. p. 3-6. Mar. 1981. WR 183

BIRDS--ECONOMICS, DAMAGE, PREDATION, AND CONTROL

81-008251 Avery, Michael. BIRD PESTS TO RICE AT BUMBONG LIMA, PROVINCE WELLESLEY, WEST MALAYSIA. *J. Bombay Nat. Hist. Soc.* 77(2):338-341. Aug. 1980. WR 183
[231 Gibson Rd., Annapolis, MD 21401]

81-008252 Bacon, Bruce R. COOPER'S HAWK TAKES TWO PRAIRIE CHICKENS OFF BOOMING GROUND. *Passenger Pigeon* 43(2):51. 1981. WR 183
[Box 5, Milladore, WI 54454] *Accipiter cooperii* and *Tympanuchus cupido pinnatus* in Wisconsin.

81-008253 Baker, R. T. BIRDS IN AN APPLE ORCHARD. *Notornis* 27(4):331-334. Dec. 1980. WR 183
[Plant Health Diagnostic Stn., Minist. Agric. & Fisheries, Mt. Albert Res. Cent., Private Bag, Auckland, New Zealand] Information on 11 spp.

81-008254 Bruggers, R. and P. Ruelle. ECONOMIC IMPACT OF PEST BIRDS ON RIPENING CEREALS IN SENEGAL. *Prot. Ecol.* 3(1):7-16. May 1981. WR 183
[Denver Wildl. Res. Cent., Bldg. 16, Federal Cent., Denver, CO 80225] *Quelea quelea* and others.

81-008255 Byrd, G. Vernon and Daniel Moriarty. TREATED CHICKEN EGGS REDUCE PREDATION ON SHEARWATER EGGS. *'Elepaio* 41(2):13-15. Aug. 1980. WR 183
[Aladdin Rt. Box 160E, Colville, WA 99114] *Puffinus pacificus* and *Acridotheres tristis* in Hawaii.

BIRDS--ECONOMICS, DAMAGE, PREDATION, AND CONTROL (CONTINUED)

81-008256 Drury, M. R. PIED CROW TAKING SMALL BIRD ON THE WING. *Honeyguide* No. 102. p. 33. May 1980. WR 183
[P.O. Box 8177, Causeway, Zimbabwe] *Corvus albus* and *Ploceus velatus*.

81-008257 French, Thomas W. FISH ATTACK ON BLACK GUILLEMOT AND COMMON EIDER IN MAINE. *Wilson Bull.* 93(2):279-280. June 1981. WR 183
[Atlantic Cent. Environ., 951 Highland St., Ipswich, MA 01938] *Cepphus grylle* and *Somateria mollissima*.

81-008258 Gullion, Gordon W. THE IMPACT OF GOSHAWK PREDATION UPON RUFFED GROUSE. *Loon* 53(2):82-84. 1981. WR 183
[Forest Wildl. Project, Univ. Minn., Cloquet 55720] *Accipiter gentilis* and *Bonasa umbellus* in Minnesota.

81-008259 Havlín, Jiří. DIE ORNITHOLOGISCHE SITUATION DES FLUGPLATZES BRNO. [ORNITHOLOGICAL SITUATION OF THE BRNO AIRPORT.] *Folia Zool. (Brno)* 29(4):311-323. 1980. In German with Russian and English summ. WR 183
[Inst. Vertebr. Zool., Czechoslovak Acad. Sci., Květná 8, 603 65 Brno, Czechoslovakia]

81-008260 Herrera, Carlos M. FRUIT VARIATION AND COMPETITION FOR DISPERSERS IN NATURAL POPULATIONS OF *SMILAX ASPERA*. *Ornis Scand.* 12(2):147. Aug. 1981. WR 183
[Estación Biol. Doñana, Seville 12, Andalucía, Spain]

81-008261 Ingram, Collingwood. WHAT HAS BEEN THE CAUSE OF THE PRESENT SCARCITY OF SONG BIRDS? *Bull. Br. Ornithol. Club* 101(2):312. June 1981. WR 183

81-008262 Klem, Daniel, Jr. AVIAN PREDATORS HUNTING BIRDS NEAR WINDOWS. *Proc. Pa. Acad. Sci.* 55(1):90-92. 1981. WR 183
[Dep. Biol., Muhlenberg Coll., Allentown, PA 18104] *Accipiter* spp. and *Lanius ludovicianus* in Illinois.

81-008263 Lindberg, Peter. FYND AV FÅGELRINGAR I BON AV PILGRIMSFALK *FALCO PEREGRINUS*. [RING RECOVERIES IN NEST OF THE PEREGRINE FALCON *FALCO PEREGRINUS*.] *Vår Fågelvärld* 40(5):341-342. 1981. In Swedish with English summ. WR 183
[Zool. Inst., Göteborgs Univ., Box 25059, 40031 Göteborg, Sweden]

81-008264 Metzmacher, Maxime and Daniel Dubois. ESTIMATION DES DEGATS CAUSES PAR LES OISEAUX AUX CEREALES EN ALGERIE. [APPRAISAL OF BIRD DAMAGE TO CEREAL CROPS IN ALGERIA.] *Terre Vie* 35(4):581-595. Oct.-Dec. 1981. In French with English summ. WR 183
[Univ. Liège, Lab. Ethol. & Psychol. Anim., 22 quai Van-Beneden, B-4020 Liège, Belgium]

81-008265 Mickelson, Peter G. AVIAN RELATIONSHIPS WITH ALASKAN AGRICULTURE. *Proc. Alaska Sci. Conf. (Fairbanks)* 32:117. 1981. Abstract only. WR 183
[Wildl. & Fisheries Program, Univ. Alaska, Fairbanks]

BIRDS--ECONOMICS, DAMAGE, PREDATION, AND CONTROL (CONTINUED)

81-008266 Schulmeister, Robert P. SHORT-EARED OWL PREYS ON WHITE TERNS. *'Elepaio* 41(5):41. Nov. 1980. WR 183
[U.S. Fish & Wildl. Serv., P.O. Box 87, Kilauea, Kauai, HI 96754] *Asio flammeus* and *Gygis alba rothschildi* in Hawaii.

81-008267 Somers, J. D.; F. F. Gilbert; D. E. Joyner; R. J. Brooks and R. G. Gartshore. USE OF 4-AMINOPYRIDINE IN CORNFIELDS UNDER HIGH FORAGING STRESS. *J. Wildl. Manage.* 45(3):702-709. July 1981. WR 183
[Dep. Zool., Univ. Guelph, Guelph, Ontario, Canada N1G 2W1]

81-008268 Svedarsky, W. Daniel. GOSHAWK KILLS PRAIRIE CHICKEN ON BOOMING GROUND IN NORTHWEST MINNESOTA. *Loon* 53(2):112-113. 1981. WR 183
[Univ. Minn., Crookston 56716] *Accipiter gentilis* and *Tympanuchus cupido*.

81-008269 Wilford, Gary. CAPTIVE OWL CONSUMES BANDED CATBIRD. *Ill. Audubon Bull.* No. 195. p. 31-32. 1980/81. WR 183
[Forest Glen Nature Preserve, Vermilion County Conserv. District, Westville, IL 61883] *Bubo virginianus* and *Dumetella carolinensis* in Illinois.

81-008270 Woronecki, Paul P.; Richard A. Dolbeer and Robert A. Stehn. RESPONSE OF BLACKBIRDS OF MESUROL AND SEVIN APPLICATIONS ON SWEET CORN. *J. Wildl. Manage.* 45(3):693-701. July 1981. WR 183
[Denver Wildl. Res. Cent., Ohio Field Stn., Sandusky 44870]

81-008271 Yahya, Shaeque Ahmed. JUNGLE CROW *CORVUS MACRORHYNCHOS* PREYING UPON GREY WAGTAIL *MOTACILLA CASPICA*. *J. Bombay Nat. Hist. Soc.* 78(1):168. Apr. 1981. WR 183
[Bombay Nat. Hist. Soc., Bombay-400 023, India]

GROUSE AND PTARMIGAN

81-008272 Baker, Jocelyn and Galen L. Steffen. RUFFED GROUSE COURTSHIP. *S.D. Bird Notes* 33(3):58. Sept. 1981. WR 183
[Rapid City, SD 57701] *Bonassa umbellus* in South Dakota.

81-008273 Berg, William E. RUFFED GROUSE DRUMMING COUNT, SPRING 1976. *Minn. Wildl. Res. Q.* 37(2):121-129. Apr. 1977. WR 183
[Minn. Dep. Nat. Resour., Grand Rapids 55744] *Bonasa umbellus* in Minnesota.

81-008274 Berg, William E. SHARP-TAILED GROUSE HUNTER CHECK, NORTHWESTERN MINNESOTA, 1976. *Minn. Wildl. Res. Q.* 37(2):108-120. Apr. 1977. WR 183
[Minn. Dep. Nat. Resour., Grand Rapids 55744] *Pedioecetes phasianellus*.

81-008275 Cannon, Richard W. and Fritz L. Knopf. LEK NUMBERS AS A TREND INDEX TO PRAIRIE GROUSE POPULATIONS. *J. Wildl. Manage.* 45(3):776-778. July 1981. WR 183
[Okal. Coop. Wildl. Res. Unit, Okla. State Univ., Stillwater 74078] *Tympanuchus* spp. and *Pedioecetes phasianellus* in Oklahoma.

GROUSE AND PTARMIGAN (CONTINUED)

81-008276 Christen, Walter. ZUR ÖKOLOGIE DES AUERHUHNES IM SOLOTHURNER JURA. [ON THE ECOLOGY OF CAPERCAILLE IN THE SOLOTHURN JURAS.] *Ornithol. Beob.* 78(1):48-49. Apr. 1981. In German. WR 183
Tetrao urogallus.

81-008277 Gullion, Gordon W. "TAME" RUFFED GROUSE! *Loon.* 53(2):101-103. 1981. WR 183
[Forest Wildl. Project, Univ. Minn., Cloquet 55720] *Bonasa umbellus.*

81-008278 Hannon, Susan J. POSTOVULATORY FOLLICLES AS INDICATORS OF EGG PRODUCTION IN BLUE GROUSE. *J. Wildl. Manage.* 45(4):1045-1047. Oct. 1981. WR 183
[Dep. Zool., Univ. Alberta, Edmonton, Alberta, Canada T6G 2E9] *Dendragapus obscurus* in Canada.

81-008279 Hoffman, Richard W. VOLUNTEER COLLECTION STATION USE FOR OBTAINING GROUSE WING SAMPLES. *Wildl. Soc. Bull.* 9(3):180-184. 1981. WR 183
[Colo. Div. Wildl., Fort Collins 80526] *Centrocercus urophasianus* and *Dendragapus obscurus* in Colorado.

81-008280 Lewis, Richard A. and Fred C. Zwickel. DIFFERENTIAL USE OF TERRITORIAL SITES BY MALE BLUE GROUSE. *Condor* 83(2):171-176. May 1981. WR 183
[Dep. Zool., Univ. Alberta, Edmonton, Alberta, T6G 2E9 Canada] *Dendragapus obscurus* in Canada.

81-008281 Lewis, Richard A. CHARACTERISITICS OF PERSISTENT AND TRANSIENT TERRITORIAL SITES OF MALE BLUE GROUSE. *J. Wildl. Manage.* 45(4):1048-1051. Oct. 1981. WR 183
[Dep. Zool., Univ. Alberta, Edmonton, Alberta, Canada T6G 2E9] *Dendragapus obscurus* in Canada.

81-008282 Lindén, Harto. CHANGES IN FINNISH TETRAONID POPULATIONS AND SOME FACTORS INFLUENCING MORTALITY. *Finn. Game Res.* 39:3-11. 1981. WR 183
[Finnish Game & Fisheries Res. Inst., Game Div., PitKänsillanranta 3A, SF-00530 Helsinki 53, Finland] *Tetrao urogallus, T. tetrix, Bonasa bonasia* and *Lagopus lagopus.*

81-008283 Lindén, Harto and Paavo Rajala. FLUCTUATIONS AND LONG-TERM TRENDS IN THE RELATIVE DENSITIES ON TETRAONID POPULATIONS IN FINLAND, 1964-77. *Finn. Game Res.* 39:13-34. 1981. WR 183
[Finnish Game & Fisheries Res. Inst., Game Div., Pitkänsillanranta 3A, SF-00530 Helsinki 53, Finland] *Tetrao urogellus, T. tetrix, Bonasa bonasia* and *Lagopus lagopus.*

81-008284 Lindén, Harto. ESTIMATION OF JUVENILE MORTALITY IN THE CAPERCAILLIE, *TETRAO UROGALLUS*, AND THE BLACK GROUSE, *TETRAO TETRIX*, FROM INDIRECT EVIDENCE. *Finn. Game Res.* 39:35-51. 1981. WR 183
[Finnish Game & Fisheries Res. Inst., Game Div., Pilkänsillanranta 3A, SF-00530 Helsinki 53, Finland]

GROUSE AND PTARMIGAN (CONTINUED)

81-008285 Lindén, Harto. GROWTH RATES AND EARLY ENERGY REQUIREMENTS OF CAPTIVE JUVENILE CAPERCAILLIE, *TETRAO UROGALLUS*. *Finn. Game Res.* 39:53-67. 1981. WR 183
[Finnish Game & Fisheries Res. Inst., Game Div., Pitkänsillanranta 3A, SF-00530 Helsinki 53, Finland]

81-008286 Lindén, Harto. DOES DURATION AND PREDICTABILITY OF THE WINTER AFFECT THE WINTERING SUCCESS OF THE CAPERCAILLIE, *TETRAO UROGALLUS*? *Finn. Game Res.* 39:79-89. 1981. WR 183
[Finnish Game & Fisheries Res. Inst., Game Div., Pitkänsillanranta 3A, SF-00530 Helsinki 53, Finland]

81-008287 Lindén, Harto. HUNTING AND TETRAONID POPULATIONS IN FINLAND. *Finn. Game Res.* 39:69-78. 1981. WR 183
[Finnish Game & Fisheries Res. Inst., Game Div., Pitkänsillanranta 3A, SF-00530 Helsinki 53, Finland]

81-008288 Martin, Steven A. and Fritz L. Knopf. AERIAL SURVEY OF GREATER PRAIRIE CHICKEN LEKS. *Wildl. Soc. Bull.* 9(3):219-221. 1981. WR 183
[Cecil M. Webb WMA, Punta Gorda, FL 33950] *Tympanuchus cupido pinnatus* in Oklahoma.

81-008289 Moyles, D. L. J. and D. A. Boag. WHERE, WHEN, AND HOW MALE SHARP-TAILED GROUSE ESTABLISH TERRITORIES ON ARENAS. *Can. J. Zool.* 59(8):1576-1581. Aug. 1981. In English with French summ. WR 183
[Brooks Wildl. Cent., Box 1540, Brooks, Alberta, Canada T0J 0J0] *Pedioecetes phasianellus* in Canada.

81-008290 Myhre, Grete and Holger Ursin. FLIGHT AND DEFENSE BEHAVIOR IN THE PTARMIGAN CONFRONTED BY A HUMAN OBSERVER. *Z. Tierpsychol.* 51(4):398-405. Dec. 1979. In English with German summ. WR 183
[Inst. Psychol., Univ. Bergen, Arstadvei 21, N-5000 Bergen, Norway] *Lagopus lagopus lagopus*.

81-008291 Myhre, Grete. SOCIAL STATUS, EXTERNAL SIGNALS AND COLONIC TEMPERATURE IN THE CAPTIVE WILLOW GROUSE *LAGOPUS LAGOPUS LAGOPUS*. *Ornis Scand.* 11(1):77-80. 1980. WR 183
[Physiol. Section, Inst. Med. Biol., Univ. Tromsø, N-9000 Tromsø, Norway]

81-008292 Parker, Howard. RENESTING BIOLOGY OF NORWEGIAN WILLOW PTARMIGAN. *J. Wildl. Manage.* 45(4):858-864. Oct. 1981. WR 183
[Dep. Arctic Biol., Inst. Med. Biol., Univ. Tromsø, 9000 Tromsø, Norway] *Lagopus lagopus lagopus*.

81-008293 Sharp, Peter J. and Robert Moss. A COMPARISON OF THE RESPONSES OF CAPTIVE WILLOW PTARMIGAN (*LAGOPUS LAGOPUS LAGOPUS*), RED GROUSE (*LAGOPUS LAGOPUS SCOTICUS*), AND HYBRIDS TO INCREASING DAYLENGTHS WITH OBSERVATIONS ON THE MODIFYING EFFECTS OF NUTRITION AND CROWDING IN RED GROUSE. *Gen. Comp. Endocrinol.* 45(2):181-188. Oct. 1981. WR 183
[Agric. Res. Council's Poultry Res. Cent., Roslin, Midlothian EH25 9PS, Scotland]

GROUSE AND PTARMIGAN (CONTINUED)

81-008294 Sparling, Donald W. COMMUNICATION IN PRAIRIE GROUSE. II. ETHOLOGICAL ISOLATING MECHANISMS. *Behav. Neural Biol.* 32(4):487-503. Aug. 1981. WR 183
[Dep. Biol., Ball State Univ., Muncie, IN 47306] *Tympanuchus cupido* and *Pedioecetes phasianellus*.

81-008295 Sparling, Donald W. COMMUNICATION IN PRAIRIE GROUSE. I. INFORMATION CONTENT AND INTRASPECIFIC FUNCTIONS OF PRINCIPAL VOCALIZATIONS. *Behav. Neural Biol.* 32(4):463-486. Aug. 1981. WR 183
[Dep. Biol., Ball State Univ., Muncie, IN 47306] *Tympanuchus cupido* and *Pedioecetes phasianellus*.

81-008296 Stokkan, Karl-Arne and Johan B. Steen. AGE DETERMINED FEEDING BEHAVIOUR IN WILLOW PTARMIGAN CHICKS *LAGOPUS LAGOPUS LAGOPUS*. *Ornis Scand.* 11(1):75-76. 1980. WR 183
[Physiol. Section, Inst. Med. Biol., Univ. Tromsø, N-9000 Tromsø, Norway]

81-008297 Taft, Stephen J. PREVALENCE OF *TANAISIA ZARUDNYI* (TREMATODA: EUCOTYLIDAE) FROM RUFFED GROUSE (*BONASA UMBELLUS*) IN TWO WISCONSIN COUNTIES. *Proc. Helminthol. Soc. Wash.* 48(2):245-246. July 1981. WR 183
[Dep. Biol., Univ. Wis., Stevens Point 54481]

PHASIANIDAE--GENERAL

81-008298 Cain, J. R.; R. W. Moore; D. S. Smith; R. J. Lien and J. W. Lee. DIETARY ENERGY CONSUMPTION BY BOBWHITE AND SCALED QUAIL. *Poult. Sci.* 60(7):1632. July 1981. Abstract only. WR 183
[Poult. Sci. Dep., Tex. A&M Univ., College Station 77843] *Colinus virginianus* and *Callipepla squamata*.

81-008299 Duszynski, Donald W. and Ralph J. Gutiérrez. THE COCCIDIA OF QUAIL IN THE UNITED STATES. *J. Wildl. Dis.* 17(3):371-379. July 1981. WR 183
[Dep. Biol., Univ. N. Mex., Albuquerque 87131] *Callipepla squamata*, *Colinus virginianus*, *Cyrtonyx montezumae*, *Lophortyx californicus*, *Lophortyx gambelii* and *Oreortyx pictus*.

BOBWHITE

81-008300 Anderson, David R. and Kenneth P. Burnham. BOBWHITE POPULATION RESPONSES TO EXPLOITATION: TWO PROBLEMS. *J. Wildl. Manage.* 45(4):1052-1054. Oct. 1981. WR 183
[Coop. Wildl. Res. Unit, Utah State Univ., Logan 84322] *Colinus virginianus*.

BOBWHITE (CONTINUED)

81-008301 King, D. J.; Samuel R. Pursglove, Jr. and William R. Davidson. ADENOVIRUS ISOLATION AND SEROLOGY FROM WILD BOBWHITE QUAIL (*COLINUS VIRGINIANUS*). *Avian Dis.* 25(3):678-682. July-Sept. 1981. WR 183
[Southeast Poultry Res. Lab., 934 College Station Rd., Athens, GA 30605]

81-008302 Millard, Steve. BOBWHITE IN ROCK COUNTY. *Loon* 53(3):167-168. 1981. WR 183
[617 E. Cavour, Fergus Falls, MN 56537] *Colinus virginianus* in Minnesota.

81-008303 Nelson, Lee K. MANAGING FOR BOBWHITE. *Ky. Happy Hunting Ground* 37(5):12-13. Sept.-Oct. 1981. WR 183
Colinus virginianus.

81-008304 Roseberry, John L. BOBWHITE POPULATION RESPONSES: A REPLY. *J. Wildl. Manage.* 45(4):1054-1056. Oct. 1981. WR 183
[Coop. Wildl. Res. Lab., Southern Ill. Univ., Carbondale 62901] *Colinus virginianus.*

OTHER AMERICAN QUAIL

81-008305 Pine, Donald S. IDENTIFYING SEX OF MOUNTAIN QUAIL BY LENGTH OF CREST PLUME. *J. Wildl. Manage.* 45(4):1056-1057. Oct. 1981. WR 183
[Calif. Dep. Fish & Game, King City 93930] *Oreortyx pictus* in California.

COTURNIX

81-008306 Almeida, Osborne F. X. and David H. Thomas. EFFECTS OF FEEDING PATTERN ON THE PITUITARY-THYROID AXIS IN THE JAPANESE QUAIL. *Gen. Comp. Endocrinol.* 44(4):508-513. Aug. 1981. WR 183
[Cent. Reprod. Biol., 37 Chalmers St., Edinburgh EH3 9EW, Scotland] *Coturnix coturnix japonica.*

81-008307 Armitage, S. E. and T. J. Seller. MIDBRAIN REGIONS INVOLVED IN CALL PRODUCTION OF JAPANESE QUAIL. *Experientia (Basel)* 37(8):847-848. 15 Aug. 1981. WR 183
[ARC Inst. Anim. Physiol., Babraham, Cambridge CB2 4AT, England] *Coturnix coturnix japonica.*

81-008308 Barthalmus, George T. and Eric Brinsfield. PREDICTING YOLK WEIGHT IN QUAIL EGGS. *Poult. Sci.* 60(7):1418-1421. July 1981. WR 183
[N.C. State Univ., Dep. Zool., Raleigh 27650] *Coturnix coturnix japonica.*

81-008309 Blankfard, M. B.; M. A. Ottinger and J. A. Doerr. AFLATOXICOSIS IN JUVENILE JAPANESE QUAIL. *Poult. Sci.* 60(7):1626. July 1981. Abstract only. WR 183
[Dep. Poult. Sci., Univ. Md. College Park 20742] *Coturnix coturnix japonica.*

COTURNIX (CONTINUED)

81-008310 Buhr, R. Jeffrey and Ursula K. Abbott. INTERRUPTION OF EMBRYONIC DEVELOPMENT BY COLD STORAGE-IN WHITE LEGHORN CHICKENS, LARGE WHITE TURKEYS, AND *COTURNIX* QUAIL. *Poult. Sci.* 60(7):1630-1631. July 1981. Abstract only. WR 183
[Dep. Avian Sci., Univ. Calif., Davis 95616] *Coturnix coturnix japonica.*

81-008311 Campion, Dennis R.; H. L. Marks; J. O. Reagan and J. B. Barrett. BODY COMPOSITION, MUSCLE CELLULARITY AND SKELETAL CHANGES IN JAPANESE QUAIL FOLLOWING LONG-TERM SELECTION FOR 4-WEEK BODY WEIGHT. *Poult. Sci.* 60(7):1692. July 1981. Abstract only. WR 183
[USDA, Sci. & Education Administration, Athens, GA 30602] *Coturnix coturnix japonica.*

81-008312 Clark, Nancy B. and Yuichi Sasayama. THE ROLE OF PARATHYROID HORMONE ON RENAL EXCRETION OF CALCIUM AND PHOSPHATE IN THE JAPANESE QUAIL. *Gen. Comp. Endocrinol.* 45(2):234-241. Oct. 1981. WR 183
[Biol. Sci. Group, Univ. Conn., Storrs 06268] *Coturnix c. japonica.*

81-008313 Crome, F. H. J.; S. M. Carpenter and D. K. Rushton. AGING STUBBLE QUAIL, *COTURNIX PECTORALIS* GOULD, BY USING MEASUREMENTS OF LENGTHS AND THE MOULTING STAGES OF THE PRIMARIES. *Aust. Wildl. Res.* 8(1):163-179. 1981. WR 183
[Div. Wildl. Res., CSIRO, P.O. Box 84, Lyneham, A.C.T., Australia 2602]

81-008314 Dawson, G. H. REALLY THERE OR AN ESCAPEE? *Honeyguide* No. 102. p. 34. May 1980. WR 183
[P.O. Box 6, Salisbury, Zimbabwe] *Coturnix delegorguei* in Zimbabwe.

81-008315 Feuerbacher, Ingrid and R. Prinzinger. THE EFFECTS OF THE MALE SEX-HORMONE TESTOSTERONE ON BODY TEMPERATURE AND ENERGY METABOLISM IN MALE JAPANESE QUAIL (*COTURNIX COTURNIX JAPONICA*). *Comp. Biochem. Physiol. A Comp. Physiol.* 70(2):247-250. 1981. WR 183
[Inst. Biol. III, Lehrstuhl Zoophysiol., Auf der Morgenstelle 28, 7400 Tübingen 1, West Germany]

81-008316 Galvin, Michael J.; Donald I. McRee; Cynthia A. Hall; J. Paul Thaxton and Carmen R. Parkhurst. EFFECT OF 2.45 GHz CW MICROWAVE RADIATION DURING EMBRYOGENY ON HUMORAL AND CELL MEDIATED FUNCTION IN ADULT JAPANESE QUAIL. *Poult. Sci.* 60(7):1601. July 1981. Abstract only. WR 183
[Dep. Poultry Sci., N.C. State Univ., Raleigh 27650] *Coturnix coturnix japonica.*

81-008317 Guyomarc'h, Catherine and Jean-Charles Guyomarc'h. CONTRIBUTION A L'ÉTUDE DE LA PHOTOSTIMULATION CHEZ LA CAILLE JAPONAISE: VARIATION DE LA RÉPONSE A UN ALLONGEMENT DE LA PÉRIODE D'ILLUMINATION. [CONTRIBUTION TO THE STUDY OF PHOTOSTIMULATION IN THE JAPANESE QUAIL: VARIATION IN THE RESPONSE TO A LENGTHENING OF THE LIGHT PERIOD.] *Bull. Soc. Zool. Fr.* 106(2):213-219. 1981. In French with English summ. WR 183
[Lab. Ethol., Campus Univ. Rennes-Beaulieu, 35042 Rennes Cedex, France] *Coturnix coturnix japonica.*

81-008318 Höhn, E. Otto. FAILURE TO INDUCE INCUBATION BEHAVIOR WITH ESTRADIOL AND PROLACTIN AND HORMONAL INDUCTION OF BROOD PATCHES IN JAPANESE QUAIL (*COTURNIX COTURNIX JAPONICA*). *Gen. Comp. Endocrinol.*

COTURNIX (CONTINUED)

81-008318 CONTINUED 44(3):396-399. July 1981. WR 183
[Dep. Physiol., Univ. Alberta, Edmonton, Alberta T6G 2H7, Canada]

81-008319 Hashiguchi, Mineo; Osamu Koga and Hisayoshi Nishiyama. [EFFECT OF EXOGENOUS TESTOSTERONE ON THE LEVEL OF GONADOTROPIC HORMONE IN THE PITUITARY OF MALE JAPANESE QUAIL WITH PHOTOPERIODICALLY INDUCED TESTICULAR DEVELOPMENT.] *Jpn. J. Zootech. Sci.* 52(6):419-424. June 1981. In Japanese with English summ. WR 183
[Lab. Anim. Breeding, Fac. Agric., Kyushu Univ., Fukuoka-shi 812, Japan] *Coturnix coturnix japonica.*

81-008320 Herbuté, Serge; Rosa Pintat and Jean-Dominique Baylé. VARIATIONS NYCTHÉMÉRALES DE LA THYROXINÉMIE CHEZ LA CAILLE: INFLUENCE DE LA TEMPÉRATURE AMBIANTE. [BASAL AND COLD-INDUCED PLASMA THYROXINE LEVELS THROUGHOUT THE PHOTOPERIOD IN QUAIL.] *C.R. Séances Soc. Biol. Fil.* 175(4):485-489. 1981. In French with English summ. WR 183
[Lab. Neuro-Endocrinol. B, Univ. Montpellier II, Pl. Eugène Bataillon, 34060 Montpellier, France] *Coturnix c. japonica.*

81-008321 Kovach, J. K.; F. R. Yeatman and G. Wilson. PERCEPTION OR PREFERENCE? MEDIATION OF GENE EFFECTS IN THE COLOUR CHOICES OF NAIVE QUAIL CHICKS (*C. COTURNIX JAPONICA*). *Anim. Behav.* 29(3):760-770. Aug. 1981. WR 183
[Res. Dep., Menninger Foundation, Box 829, Topeka, KS 66601]

81-008322 Kovach, Joseph K. and Gregory C. Wilson. BEHAVIOUR AND PLEIOTROPY: GENERALIZATION OF GENE EFFECTS IN THE COLOUR PREFERENCES OF JAPANESE QUAIL CHICKS (*C. COTURNIX JAPONICA*). *Anim. Behav.* 29(3):746-759. Aug. 1981. WR 183
[Res. Dep., Menninger Foundation, Box 829, Topeka, KS 66601]

81-008323 Mak, T. K. and Pran Vohra. THIAMINE AND RIBOFLAVIN REQUIREMENTS OF GROWING JAPANESE QUAIL FED PURIFIED DIETS. *Poult. Sci.* 60(7):1690. July 1981. Abstract only. WR 183
[Dep. Avian Sci., Univ. Calif., Davis 95616] *Coturnix coturnix japonica.*

81-008324 Marks, H. L. FEED AND WATER INTAKE OF JAPANESE QUAIL FOLLOWING LONG-TERM SELECTION FOR 4-WEEK BODY WEIGHT. *Poult. Sci.* 60(7):1692. July 1981. Abstract only. WR 183
[USDA, SEA, Southern Regional Poultry Breeding Project, c/o UGA, 107 Livestock-Poultry Bldg., Athens, GA 30602] *Coturnix coturnix japonica.*

81-008325 Miller, Scott C. OSTEOCLAST CELL-SURFACE SPECIALIZATIONS AND NUCLEAR KINETICS DURING EGG-LAYING IN JAPANESE QUAIL. *Am. J. Anat.* 162(1):35-43. Sept. 1981. WR 183
[Dep. Pharmacol., Coll. Med., Univ. Utah, Salt Lake City 84112] *Coturnix c. japonica.*

81-008326 Morgan, G. W. EFFECTS OF DIETHLYSTILBESTROL, 17-β-ESTRADIOL, AND TESTOSTERONE PROPIONATE ON VARIOUS IMMUNE PARAMETERS OF JAPANESE QUAIL. *Poult. Sci.* 60(7):1607. July 1981. Abstract only. WR 183

COTURNIX (CONTINUED)

81-008326 CONTINUED
[Miss. State Univ., Mississippi State 39762] *Coturnix coturnix japonica.*

81-008327 Ottinger, M. A. and C. S. Duchala. PLASMA TESTOSTERONE AND SEXUAL BEHAVIOR IN THE AGING MALE JAPANESE QUAIL. *Poult. Sci.* 60(7):1706-1707. July 1981. Abstract only. WR 183
[Dep. Poult. Sci., Univ. Md., College Park 20742] *Coturnix coturnix japonica.*

81-008328 Pradhan, H. K.; B. K. Panda and R. L. Sah. PRELIMINARY STUDIES ON PATHOLOGY OF QUAIL BRONCHITIS IN JAPANESE QUAIL (*COTURNIX COTURNIX JAPONICA.*) *Indian Vet. J.* 57(9):707-708. Sept. 1980. WR 183
[Div. Avian Dis., Indian Vet. Res. Inst., Izatnagar, U.P., India]

81-008329 Scott, T. R.; D. G. Satterlee and L. A. JACOBS. PLASMA GLUCOCORTICOID RESPONSE TO FEED AND WATER RESTRICTION IN BROILERS AND COTURNIX QUAIL. *Poult. Sci.* 60(7):1608. July 1981. Abstract only. WR 183
[La. State Univ., Baton Rouge 70803] *Coturnix coturnix japonica.*

81-008330 Sedrant, S. H.; T. G. Taylor and M. Akhtar. THE REGULATION OF 25-HYDROXYCHOLECALCIFEROL METABOLISM IN THE KIDNEY OF JAPANESE QUAIL (*COTURNIX COTURNIX JAPONICA*) BY SEX HORMONES AND BY PARATHYROID EXTRACT. *Gen. Comp. Endocrinol.* 44(4):514-523. Aug. 1981. WR 183
[Biochem. Dep., Fac. Med., Univ. Riyadh, Riyadh, Saudi Arabia]

81-008331 Srinivasan, V. A.; D. S. Kalra; M. U. Kharole and P. Dwivedi. MORTALITY PATTERN IN JAPANESE QUAILS (*COTURNIX COTURNIX JAPONICA*). *Indian Vet. J.* 57(9):778-779. Sept. 1980. WR 183
[Natl. Dairy Development Board, Ootacamund, Tamil Nadu, India]

81-008332 Tsutsui, Kazuyoshi and Susumu Ishii. EFFECTS OF SEX STEROIDS ON AGGRESSIVE BEHAVIOR OF ADULT MALE JAPANESE QUAIL. *Gen. Comp. Endocrinol.* 44(4):480-486. Aug. 1981. WR 183
[Dep. Biol., School Educ., Waseda Univ., Nishiwaseda, Tokyo 160, Japan] *Coturnix coturnix japonica.*

81-008333 Witkowski, Andrzej and J. Paul Thaxton. MORPHOLOGY OF THE EOSINOPHIL IN JAPANESE QUAIL. *Poult. Sci.* 60(7):1587-1590. July 1981. WR 183
[Agric. Acad., 20-934 Lublin, ul. Akademicka 13, Poland] *Coturnix coturnix japonica.*

RING-NECKED PHEASANT AND ALLIES

81-008334 Carpenter, G. H. and Cal J. Flegal. IMPROVING EGG PRODUCTION IN RING-NECKED PHEASANTS. *Poult. Sci.* 60(7):1635. July 1981. Abstract only. WR 183
[Anim. Sci. Dep., Mich. State Univ., East Lansing 48824] *Phasianus colchicus.*

RING-NECKED PHEASANT AND ALLIES (CONTINUED)

81-008335 Carpenter, Glenn Harold. IMPROVING EGG PRODUCTION IN RING-NECKED PHEASANTS WITH SELECTED MATINGS. *M.S. thesis, Mich. State Univ.* 55p. 1980. From Masters Abstr. 19(2):107. June 1981. WR 183
Phasianus colchicus.

81-008336 Denney, Ralph. THE RING-NECKED PHEASANT--100 YEARS. WHERE WE'VE BEEN ... WHERE WE'RE GOING. *Oreg. Wildl.* 36(10):3-8. Oct. 1981. WR 183
Phasianus colchicus in Oregon.

81-008337 Fuentes, Maria de Fatima F. and C. J. Flegal. PROTEIN AND METHIONINE REQUIREMENTS OF STARTING RING-NECKED PHEASANTS. *Poult. Sci.* 60(7):1659. July 1981. Abstract only. WR 183
[Anim. Sci. Dep., Mich. State Univ., East Lansing 48824] *Phasianus colchicus.*

81-008338 Kassid, John F.; Cal J. Flegal and Richard J. Balander. GENETICS OF BODY WEIGHT OF RING-NECKED PHEASANT (*PHASIANUS COLCHICUS*) POPULATION. *Poult. Sci.* 60(7):1678-1679. July 1981. Abstract only. WR 183
[Dep. Anim. Sci., Mich. State Univ., East Lansing 48824]

81-008339 Kassid, John Faraj. GENETICS OF BODY WEIGHT OF RING-NECKED PHEASANT (*PHASIANUS COLCHICUS*) POPULATION. *Ph.D. dissertation, Mich. State Univ.* 125p. 1981. From Diss. Abstr. Int. B Sci. Eng. 42(2):438. Aug. 1981. WR 183

81-008340 Pielowski, Z. WEITERE UNTERSUCHUNGEN ÜBER DEN WERT DES ZUCHTMATERIALS VON FASANEN ZUM AUSSETZEN. [FURTHER EXPERIMENTS ON THE VALUE OF BREEDING MATERIAL IN THE RELEASE OF PHEASANTS.] *Z. Jagdwiss.* 27(2):102-109. June 1981. In German with French and English summ. WR 183
Phasianus colchicus.

OTHER PHASIANIDAE

81-008341 Chabot, Jacques; Raymond McNeil and Jean Burton. HISTOIRE ET DISPERSION DE LA PERDRIX GRISE (*PERDIX PERDIX*) AU QUÉBEC. [HISTORY AND DISTRIBUTION OF THE GRAY PARTRIDGE *PERDIX PERDIX* IN QUÉBEC.] *Nat. Can. (Que.)* 107(4):243-257. 1980. In French with English summ. WR 183
[Minist. Loisir, Chasse & Pêche, 13 rue Buteau, Hull, Québec, Canada J8Z 1V4]

81-008342 de Boer, Leobert E. M. and Roland van Bocxstaele. SOMATIC CHROMOSOMES OF THE CONGO PEAFOWL (*AFROPAVO CONGENSIS*) AND THEIR BEARING ON THE SPECIES' AFFINITIES. *Condor* 83(3):204-208. Aug. 1981. WR 183
[Biol. Res. Dep., Royal Rotterdam & Botanic Gardens, P.O. Box 532, 3000 AM Rotterdam, Netherlands]

81-008343 Hermes, J. C.; A. E. Woodard; R. L. Snyder and P. Vohra. THE EFFECT OF AMBIENT TEMPERATURE AND DIETARY ENERGY LEVEL ON REPRODUCTION IN THE RED-LEGGED PARTRIDGE. *Poult. Sci.* 60(7):1668. July 1981. Abstract only. WR 183
[Dep. Avian Sci., Univ. Calif., Davis 95616] *Alectoris graeca.*

OTHER PHASIANIDAE (CONTINUED)

81-008344 Hirai, Lawrence T. and Nelson K. Rice. FEEDING HABITS OF THE ERCKEL'S FRANCOLIN ON OAHU, HAWAII. *'Elepaio* 41(2):16-17. Aug. 1980. WR 183
[1323-2 Kinau St., Honolulu, HI 96814] *Francolinus erckelii*.

81-008345 Mentis, M. T. and R. C. Bigalke. ECOLOGICAL ISOLATION IN GREYWING AND REDWING FRANCOLINS. *Ostrich* 52(2):84-97. June 1981. WR 183
[Dep. Pasture Sci., Univ. Natal, P.O. Box 375, Pietermaritzburg, South Africa 3000] *Francolinus africanus* and *F. levaillantii* in South Africa.

81-008346 Siopes, T. D. and W. O. Wilson. TERMINATION OF PHOTOREFRACTORINESS IN THE CHUKAR PARTRIDGE (*ALECTORIS GRAECA CHUKAR*) BY LOW LIGHT INTENSITY. *J. Reprod. Fert.* 63(1):125-128. Sept. 1981. WR 183
[Dep. Poult. Sci., N.C. State Univ., Raleigh 27650]

81-008347 Smith, Loren M.; Jerry W. Hupp and John T. Ratti. GRAY PARTRIDGE TRAPPING TECHNIQUES. *J. Field Ornithol.* 52(1):63-65. 1981. WR 183
[Dep. Wildl. Sci., Utah State Univ., Logan 84322] *Perdix perdix*.

81-008348 Will, Gary B. GRAY PARTRIDGES IN ESSEX COUNTY. *Kingbird* 31(3):152. 1981. WR 183
[247 McKenzie Rd., Saranac Lake, NY 12983] *Perdix perdix* in New York.

81-008349 Woodard, Allen E.; Hans Abplanalp and Lester Snyder. INBREEDING DEPRESSION FOR SEVERAL REPRODUCTIVE TRAITS IN THE PARTRIDGE. *Poult. Sci.* 60(7):1757. July 1981. Abstract only. WR 183
[Dep. Avian Sci., Univ. Calif., Davis 95616] *Alectoris graeca*.

81-008350 Woodard, Allen E.; R. Lester Snyder and Hans Abplanalp. REPRODUCTIVE PERFORMANCE IN AGED PARTRIDGE. *Poult. Sci.* 60(9):2006-2009. Sept. 1981. WR 183
[Dep. Avian Sci., Univ. Calif., Davis 95616] *Alectoris graeca*.

TURKEY

81-008351 Berner, Alfred. SPRING TURKEY GOBBLER COUNT, 1976. *Minn. Wildl. Res. Q.* 37(2):78-85. Apr. 1977. WR 183
[Minn. Dep. Nat. Resour., Madelia 56062] *Meleagris gallopavo* in Minnesota.

81-008352 Hammond, R. W.; K. W. Koelkebeck; C. G. Scanes; H. V. Biellier and F. Hertellendy. PLASMA PROSTAGLANDIN, LH, AND PROGESTERONE LEVELS DURING THE OVULATION CYCLE OF THE TURKEY (*MELEAGRIS GALLOPAVO*). *Gen. Comp. Endocrinol.* 44(3):400-403. June 1981. WR 183
[Dep. Physiol. Obstetrics & Gynecol., St. Louis Univ. School Med., St. Louis, MO 63104]

81-008353 Martin, Richard M.; Michael E. Lisano and James E. Kennamer. PLASMA ESTROGENS, TOTAL PROTEIN, AND CHOLESTEROL IN THE FEMALE EASTERN WILD TURKEY. *J. Wildl. Manage.* 45(3):798-802. July 1981. WR 183
[Dep. Biol., Univ. Ala., Birmingham 35202] *Meleagris gallopavo silvestris*.

TURKEY (CONTINUED)

81-008354 Quinton, Dee A.; Alan Kent Montei and Jerran T. Flinders. BRUSH CONTROL AND RIO GRANDE TURKEYS IN NORTH-CENTRAL TEXAS. *J. Range Manage.* 33(2):95-99. Mar. 1980. WR 183
[Agric. Canada Res. Stn., Kamloops, British Columbia, Canada V2B 8A9] *Meleagris gallopavo intermedia.*

81-008355 White, Franklin H.; Donald J. Forrester and Lovett E. Williams, Jr. ISOLATIONS OF *SALMONELLA* FROM WILD TURKEYS IN FLORIDA. *J. Wildl. Dis.* 17(3):327-330. July 1981. WR 183
[Dep. Preventive Med., Coll. Vet. Med., Univ. Fla., Gainesville 32610] *Meleagris gallopavo.*

DOVES AND PIGEONS

81-008356 Alexander, D. J.; V. S. Hinshaw and M. S. Collins. CHARACTERIZATION OF VIRUSES FROM DOVES REPRESENTING A NEW SEROTYPE OF AVIAN PARAMYXOVIRUSES. *Arch. Virol.* 68(3-4):265-269. 1981. WR 183
[Poultry Dep., Central Vet. Lab., New Haw, Weybridge, Surrey, England] *Columba* spp.

81-008357 Benvenuti, Silvano. IMPAIRED HOMING ABILITY IN ANOSMATIC PIGEONS. *Z. Tierpsychol.* 51(4):406-414. Dec. 1979. In English with German summ. WR 183
[Ist. Biol. Gen. Univ., Via A. Volta 6, I-56100 Pisa, Italy]

81-008358 Bernstein, Marvin H. and Felipe C. Samaniego. VENTILATION AND ACID-BASE STATUS DURING THERMAL PANTING IN PIGEONS (*COLUMBA LIVIA*). *Physiol. Zool.* 54(3):308-315. July 1981. WR 183
[Dep. Biol., N. Mex. State Univ., Las Cruces 88003]

81-008359 Bijlsma, Rob G. DE INVLOED VAN PREDATIE OP DE BROEDRESULTATEN VAN DE HOUTDUIF *COLUMBA PALUMBUS* OP DE ZUIDWEST-VELUWE. [THE INFLUENCE OF PREDATION ON THE BREEDING RESULTS OF THE WOODPIGEON *COLUMBA PALUMBUS* ON THE SOUTHWEST-VELUWE.] *Limosa* 53(1):11-19. 1980. In Dutch with English summ. WR 183
[Bovenweg 36, 6721 H2 Bennekom, Netherlands]

81-008360 Boddy, Michael. PRIMARY MOULT IN JUVENILE AND ADULT WOODPIGEONS. *Ringing Migration* 3(3):113-122. July 1981. WR 183
[Belton House, Church Lane, Clarborough, Retford, Nottinghamshire, England] *Columba palumbus.*

81-008361 Brock, Kenneth J. and Ted T. Cable. A FIRST BAND-TAILED PIGEON RECORD FOR INDIANA. *Indiana Audubon Q.* 59(4):116-120. Nov. 1981. WR 183
[Indiana Univ. Northwest, Gary] *Columba fasciata.*

81-008362 Brooke, R. K. THE FERAL PIGEON--A 'NEW' BIRD FOR THE SOUTH AFRICAN LIST. *Bokmakierie* 33(2):37-40. June 1971. WR 183
[FitzPatrick Inst., Univ. Cape Town, Rondebosch 7700, South Africa] *Columba livia.*

DOVES AND PIGEONS (CONTINUED)

81-008363 Burley, Nancy. CLUTCH OVERLAP AND CLUTCH SIZE: ALTERNATIVE AND COMPLEMENTARY REPRODUCTIVE TACTICS. *Am. Nat.* 115(2):223-246. Feb. 1980. WR 183
[Dep. Ecol., Ethol. & Evol., Univ. Ill., Urbana 61801] *Columba livia.*

81-008364 Coonrod, Bruce. A BAND-TAILED PIGEON AT PIERRE. *S.D. Bird Notes* 33(3):59. Sept. 1981. WR 183
[Pierre, SD 57501] *Columba fasciata* in South Dakota.

81-008365 Cooper, Laurence J.; H. B. Graves; James C. Smith; Dennis Poznaniak and A. Hamid Madjid. BEHAVIORAL RESPONSES OF PIGEONS TO HIGH-INTENSITY 60-Hz ELECTRIC FIELDS. *Behav. Neural Biol.* 32(2):214-228. June 1981. WR 183
[Dep. Biol., Pa. State Univ., University Park 16802] *Columba livia.*

81-008366 Deviche, Pierre and Juan D. Delius. SHORT-TERM MODULATION OF DOMESTIC PIGEON (*COLUMBA LIVIA* L.) BEHAVIOUR INDUCED BY INTRAVENTRICULAR ADMINISTRATION OF ACTH. *Z. Tierpsychol.* 55(4):335-342. 1981. WR 183
[Lab. Biochem. Général & Comp., Inst. Léon Fredericq, 17 Place Delcour, B-4020 Liège, Belgium]

81-008367 Devonshire, C. W. THE FEEDING OF CAPTIVE NEW ZEALAND PIGEONS. *Notornis* 27(4):399-400. Dec. 1980. WR 183
[Tamaterau, RD 4, Whangarei, New Zealand] *Hemiphaga novaeseelandiae.*

81-008368 Draffan, Robert. THE BLACK COLLARED FRUIT PIGEON *DUCULA MULLERII* AT BOIGU ISLAND QUEENSLAND. *Sunbird* 11(2):46. June 1980. WR 183
[P.O. Box 261, Thursday Island, North Queensland 4875, Australia]

81-008369 Earlé, R. A. and W. R. J. Dean. FEATURES OF SPERMATOGENESIS IN THE LAUGHING DOVE *STREPTOPELIA SENEGALENSIS*. *S. Afr. J. Zool.* 16(2):109-112. 1981. In England with Afrikaans summ. WR 183
[D. R. de Wet For. Res. Stn., Private Bag X520, Sabie 1260, South Africa]

81-008370 Fiaschi, V.; N. E. Baldaccini; P. Ioalè and F. Papi. HELICOPTER OBSERVATIONS OF HOMING IN PIGEONS WITH BIASED ORIENTATION BECAUSE OF DEFLECTED WINDS AT THE HOME LOFT. *Monit. Zool. Ital.* 15(2):139-153. 1981. In English with Italian summ. WR 183
[Inst. Biol. Gen., Univ. Pisa, Via A. Volta 6, 56 100 Pisa, Italy] *Columba livia.*

81-008371 Fitzsimons, J. T.; M. Massi and S. N. Thornton. PERMISSIVE EFFECT OF CEREBROSPINAL FLUID [Na] ON DRINKING IN RESPONSE TO CELLULAR DEHYDRATION IN THE PIGEON *COLUMBA LIVIA*. *J. Physiol. (Lond.)* 315:14P-15P. June 1981. WR 183
[Physiol. Lab., Univ. Cambridge, Downing St., Cambridge CB2 3EG, England]

81-008372 Goodwin, Derek. SOME PERSONAL NOTES ON ROCK PIGEONS. *Avic. Mag.* 87(1):19-33. Jan.-Mar. 1981. WR 183
Columba livia.

DOVES AND PIGEONS (CONTINUED)

81-008373 Graves, H. B. DETECTION OF A 60-Hz ELECTRIC FIELD BY PIGEONS. *Behav. Neural Biol.* 32(2):229-234. June 1981. WR 183
[Dep. Biol., Pa. State Univ., University Park 16802] *Columba livia.*

81-008374 Hohtola, E.; S. Saarela and R. Hissa. BAROREFLEXIVE AND OTHER COMPONENTS IN THE INHIBITION OF SHIVERING BY NORADRENALINE (NA) IN THE PIGEON. *In Int. Congress of Physiol. Sci., Récs, Hungary.* Z. Szelényi and M. Székely, editors. 28:451-453. 1980. WR 183
[Dep. Zool., Zoophysiol. Lab., Univ. Oulu, 90100 Oulu 10, Finland] *Columba livia.*

81-008375 Hughes, Judith Lyn. A MOURNING DOVE NESTING STUDY IN BATON ROUGE, LOUISIANA, WITH SPECIAL REFERENCE TO THE IMPORTANCE OF LATE SEASON NESTING. *M.S. thesis, La. State Univ.* x + 90p. 1981. Available only through interlibrary loan, Middleton Library, La. State Univ., Baton Rouge 70803. WR 183
Zenaida macroura.

81-008376 Kapoor, A. S. and S. K. Chhabra. RELATIVE PHYSIOLOGICAL ACTIVITY OF CALCITONIN IN THE THYROID AND ULTIMOBRANCHIAL GLANDS OF THE PIGEON, *COLUMBA LIVIA* GMELIN. *Gen. Comp. Endocrinol.* 44(3):307-313. July 1981. WR 183
[Dep. Zool., Univ. Rajasthan, Jaipur, India]

81-008377 Kiss, J. Botond and József Rékási. ZUR ERNÄHRUNG DER TÜRKENTAUBE *STREPTOPELIA DECAOCTO* IN DER NORD-DOBRUDSCHA, RUMÄNIEN. [THE FOOD OF THE COLLARED DOVE *STREPTOPELIA DECAOCTO* IN THE NORTHERN DOBROGEA, RUMANIA.] *Ornithol. Beob.* 78(1):13-16. Apr. 1981. In German with English summ. WR 183
[Str. 23 August nr. 167, bl. H/1, Sc.A., ap. 3, Of.p. 4, 8800 Tulcea, Romania]

81-008378 Ladhams, D. E. COLLARED DOVE SWIMMING. *Br. Birds* 74(6):265. June 1981. WR 183
[Willow Lodge, Chew Stoke, Avon BS18 8YA, England] *Streptopelia decaocta* in England.

81-008379 Manikowski, Stanisław and Kazimierz Walasz. AN ATTEMPT TO AGE PIGEONS USING LAYERED STRUCTURE OF TIBIA. *Ornis Scand.* 11(1):73-74. 1980. WR 183
[Lab. Anim. Ethol., Inst. Environ. Biol., Jagiellonian Univ., Karasia 6, PL-30-060, Kraków, Poland] *Columba livia.*

81-008380 Marion, Wayne R.; Timothy E. O'Meara and Larry D. Harris. CHARACTERISTICS OF THE MOURNING DOVE HARVEST IN FLORIDA. *J. Wildl. Manage.* 45(4):1062-1066. Oct. 1981. WR 183
[School For. Resour. & Conserv., Univ. Fla., Gainesville 32611] *Zenaida macroura.*

81-008381 Mountfort, Guy. DIURNAL MIGRATION OF TURTLE DOVES. *Br. Birds* 74(6):265-266. June 1981. WR 183
[Hurst Oak, Sandy Lane, Lyndhurst, Hampshire, England] *Streptopelia turtur.*

DOVES AND PIGEONS (CONTINUED)

81-008382 Naether, C. SNOW PIGEONS BREEDING AT 10,000 FEET ALTITUDE. *Avic. Mag.* 87(1):51-53. Jan.-Mar. 1981. WR 183
[Encino, CA] *Columba leuconata.*

81-008383 O'Connell, Mary E.; Christian Reboulleau; Harvey H. Feder and Rae Silver. SOCIAL INTERACTIONS AND ANDROGEN LEVELS IN BIRDS. I. FEMALE CHARACTERISTICS ASSOCIATED WITH INCREASED PLASMA ANDROGEN LEVELS IN THE MALE RING DOVE (*STREPTOPELIA RISORIA*). *Gen. Comp. Endocrinol.* 44(4):454-463. Aug. 1981. WR 183
[Dep. Biochem., Albert Einstein Coll. Med., 1300 Morris Park Ave., New York, NY 10461]

81-008384 O'Connell, Mary E.; Rae Silver; Harvey H. Feder and Christian Reboulleau. SOCIAL INTERACTIONS AND ANDROGEN LEVELS IN BIRDS. II. SOCIAL FACTORS ASSOCIATED WITH A DECLINE IN PLASMA ANDROGEN LEVELS IN MALE RING DOVES (*STREPTOPELIA RISORIA*). *Gen. Comp. Endocrinol.* 44(4):464-469. Aug. 1981. WR 183
[Dep. Biochem., Albert Einstein Coll. Med., 1300 Morris Park Ave., New York, NY 10461]

81-008385 Pérez, Tila M. and W. T. Atyeo. A NEW FEATHER MITE (ACARINA: PTEROLICHIDAE) FROM A FRUIT PIGEON (AVES: COLUMBIDAE). *J. Parasitol.* 67(3):442-444. June 1981. WR 183
[Lab. Acarol., Dep. Biol., Fac. Ciencias, Univ. Nacl., Autónoma México, México 20, D.F., México] *Ducula c. chalconota.*

81-008386 Passmore, Michael F. BLOCKAGE OF MOURNING DOVE ESOPHAGUS BY AN IMPACTED SANDBUR. *Southwest Nat.* 25(3):428-429. 14 Nov. 1980. WR 183
[Welder Wildl. Found., P.O. Drawer 1400, Sinton, TX 78387] *Zenaida macroura* in Texas.

81-008387 Passmore, Michael Forrest. POPULATION BIOLOGY OF THE COMMON GROUND DOVE AND ECOLOGICAL RELATIONSHIPS WITH MOURNING AND WHITE-WINGED DOVES IN SOUTH TEXAS. *Ph.D. dissertation, Tex. A&M Univ.* 109p. 1981. From Diss. Abstr. Int. B Sci. Eng. 42(3):849. Sept. 1981. WR 183
Columbina passerina, Zenaida macroura and *Z. asiatica.*

81-008388 Pittie, Aasheesh. BEHAVIOUR OF A ROCK PIGEON. *Newsl. Birdwatchers* 21(5):16. May 1981. WR 183
Columba livia.

81-008389 Schmidt-Matthiessen, Gerda. AUSWERTUNG VON BEOBACHTUNGSDATEN ÜBER DIE ANFANGSORIENTIERUNG VON EXPERIMENTELL UNBEEINFLUßTEN BRIEFTAUBEN (*COLUMBA LIVIA* F. DOMESTICA). [ANALYSIS OF OBSERVATION DATA ON INITIAL ORIENTATION OF EXPERIMENTALLY UNINFLUENCED HOMING PIGEONS (*COLUMBA LIVIA* F. DOMESTICA).] *Zool. Anz.* 206(3/4):237-245. 1981. In German with English summ. WR 183
[Lehrstuhl Zoophysiol., Zool. Inst., Univ. Kiel, Kiel, West Germany]

81-008390 Schmidt, Ingrid. DIFFERENT WEIGHTS OF REGIONAL THERMAL INPUTS DETERMINE HOW PIGEONS THERMOREGULATE AUTONOMICALLY AND BEHAVIORALLY. *Pflügers Arch. Eur. J. Physiol.* 391(suppl):R47. 1981. Abstract only. WR 183
[Max-Planck-Inst. (Kerckhoff-Inst.), D-6350 Bad Nauheim, West Germany] *Columba livia.*

DOVES AND PIGEONS (CONTINUED)

81-008391 Scholl, Ralph. PIGEON PROBLEMS. *Pest Control* 49(9):36-37. Sept. 1981. WR 183
Columba livia.

81-008392 Steffen, Galen L.; Erika Tallman and Dan A. Tallman. EARLY DATES FOR MOURNING DOVE NESTS IN GREGORY AND BROWN COUNTIES. *S.D. Bird Notes* 33(3):60. Sept. 1981. WR 183
[Burke, SD 57523] *Zenaida macroura* in South Dakota.

81-008393 Turk, J. R.; J. Kim and A. M. Gallina. SEMINOMA IN A PIGEON. *Avian Dis.* 25(3):752-755. July-Sept. 1981. WR 183
[Dep. Vet. Pathol., La. State Univ., School Vet. Med., Baton Rouge 70803] *Columba livia.*

81-008394 Vindevogel, H. and P. P. Pastoret. PATHOGENESIS OF PIGEON HERPESVIRUS INFECTION. *J. Comp. Pathol.* 91(3):415-426. July 1981. WR 183
[Fac. Vet. Med., Univ. Liège, 45 rue des Vétérinaires, 1070 Brussels, Belgium] *Columba livia.*

81-008395 Wallraff, H. G.; F. Papi; P. Ioalè and A. Foà. ON THE SPATIAL RANGE OF PIGEON NAVIGATION. *Monit. Zool. Ital.* 15(2):155-161. 1981. In English with German summ. WR 183
[Max-Planck-Inst. Verhaltensphysiol., 8131 Seewiesen, West Germany] *Columba livia.*

81-008396 Wallraff, Hans G. THE OLFACTORY COMPONENT OF PIGEON NAVIGATION: STEPS OF ANALYSIS. *J. Comp. Physiol. A Sens. Neural Behav. Physiol.* 143(4):411-422. 11 Aug. 1981. WR 183
[Max-Planck-Inst. Verhaltensphysiol., D-8131 Seewiesen, West Germany] *Columba livia.*

81-008397 Wallraff, Hans G. and Augusto Foa. PIGEON NAVIGATION: CHARCOAL FILTER REMOVES RELEVANT INFORMATION FROM ENVIRONMENTAL AIR. *Behav. Ecol. Sociobiol.* 9(1):67-77. Aug. 1981. WR 183
[Max-Planck-Inst. Verhaltensphysiol., D-8131 Seewiesen, West Germany] *Columba livia.*

81-008398 Walsh, J. Frank. ROTATING BEHAVIOUR OF THE INCUBATING YELLOW-BELLIED FRUIT PIGEON *TRERON WAALIA*. *Bull. Br. Ornithol. Club* 101(2):311. June 1981. WR 183
[80 Arundel Rd., Lytham St. Annes, Lancs., FY8 1BN England]

81-008399 Wiltschko, Roswitha; Donatus Nohr and Wolfgang Wiltschko. PIGEONS WITH A DEFICIENT SUN COMPASS USE THE MAGNETIC COMPASS. *Science* 214(4518):343-345. 16 Oct. 1981. WR 183
[Fachbereich Biol., Univ. Zool., Siesmayerstraße 70, D-6000 Frankfurt/Main, West Germany] *Columba livia.*

81-008400 Zenone, Patricia G.; M. Eleanor Sims and Carl J. Erickson. MALE RING DOVE BEHAVIOR AND THE DEFENSE OF GENETIC PATERNITY. *Am. Nat.* 114(5):615-626. Nov. 1979. WR 183
[Dep. Zool., N.C. State Univ., Raleigh 27650] *Streptopelia risoria.*

WATERBIRDS

81-008401 Bayanov, M. G. CIRCULATION OF HELMINTHS IN WATER AND MARSH BIRDS OF THE SOUTHERN URALS IN WATERS OF VARYING TROPHIC VALUE AND MINERAL CONTENT. *Sov. J. Ecol. (Engl. Transl. Ékologiya)* 11(5):299-304. Sept.-Oct. 1980. Translated from Ékologiya No. 5. p. 56-62. Sept.-Oct. 1980. WR 183

81-008402 Desgranges, Jean-Luc. COMPORTEMENT REPRODUCTEUR DU CORMORAN À AIGRETTES ET DU GRAND HÉRON DANS L'ESTUAIRE DU SAINT-LAURENT. [REPRODUCTIVE BEHAVIOR OF THE DOUBLE-CRESTED CORMORANT AND THE GREAT BLUE HERON IN THE ST. LAWRENCE ESTUARY.] *Carnets Zool.* 41(1):5-7. 1981. In French. WR 183
[Canadian Wildl. Serv., Québec, Canada] *Phalacrocorax auritus* and *Ardea herodias* in Canada.

81-008403 Erwin, R. Michael; Joan Galli and Joanna Burger. COLONY SITE DYNAMICS AND HABITAT USE IN ATLANTIC COAST SEABIRDS. *Auk* 98(3):550-561. July 1981. WR 183
[Migratory Bird & Habitat Res. Lab., Laurel, MD 20811]

81-008404 Erwin, R. Michael and Carl F. Korschgen. COASTAL WATERBIRD COLONIES: MAINE TO VIRGINIA, 1977. AN ATLAS SHOWING COLONY LOCATIONS AND SPECIES COMPOSITION. *Mass. Coop. Wildl. Res. Unit (Amherst)* 691p. 1979. From Ecol. Abstr. 1981/2:81L/2354. 1981. WR 183

81-008405 Nilsson, Leif. ÄNDERS, SVANARS OCH VISSA ANDRA SJÖFÅGLARS UTBREDNING OCH ANTAL I SEPTEMBER I SÖDRA SVERIGE. [SEPTEMBER DISTRIBUTION AND NUMBERS OF DUCKS, SWANS AND CERTAIN OTHER WATERFOWL IN SOUTH SWEDEN.] *Vår Fågelvärld* 39(5):277-290. 1980. In Swedish with English summ. WR 183
[Ekologihuset, S-223 62 Lund, Sweden]

81-008406 Parnell, James F. and Robert F. Soots, Jr. ATLAS OF COLONIAL WATERBIRDS OF NORTH CAROLINA ESTUARIES. *Dep. Biol., Univ. N.C. (Wilmington)* 287p. 1979. From Ecol. Abstr. 1981/2:81L/2355. 1981. WR 183

81-008407 Portnoy, John W.; R. Michael Erwin and Thomas W. Custer. ATLAS OF GULL AND TERN COLONIES: NORTH CAROLINA TO KEY WEST, FLORIDA (INCLUDING PELICANS, CORMORANTS AND SKIMMERS). *U.S. Fish Wildl. Serv.* FWS/OBS-80/05. vi + 121p. Aug. 1981. WR 183
[Mass. Coop. Wildl. Res. Unit, Univ. Mass., Amherst 01003]

81-008408 Reeves, Douglas Arnold. USE OF THREE SOUTHERN MICHIGAN LAKES BY WATERBIRDS DURING SPRING MIGRATION. *M.S. thesis, Mich. State Univ.* 50p. 1980. From Masters Abstr. 19(2):109. June 1981. WR 183

81-008409 Richardson, W. John and Stephen R. Johnson. WATERBIRD MIGRATION NEAR THE YUKON AND ALASKAN COAST OF THE BEAUFORT SEA: I. TIMING, ROUTES AND NUMBERS IN SPRING. *Arctic* 34(2):108-121. June 1981. In English with French summ. WR 183
[LGL Ltd., 44 Eglington Ave. West, Toronto, Ontario, Canada M45 1A1]

WATERBIRDS (CONTINUED)

81-008410 Saint-Gerand, Thierry. IMPORTANCE DES ZONES HUMIDES LITTORALES POUR LES ANATIDES ET LES FOULQUES HIVERANT EN FRANCE. [IMPORTANCE OF COASTAL WETLANDS FOR ANATIDAE AND COOTS WINTERING IN FRANCE.] *Bull. Mens. Off. Natl. Chasse No. Spec. Sci. Tech. (Paris)* p. 153-174. Nov. 1980. In French with English summ. WR 183
[Cent. Rech. Biol. Popul. Oiseaux, 55 rue Buffon, 75005 Paris, France]

81-008411 Sinclair, J. C. EIGHT PREVIOUSLY UNREPORTED SEABIRDS AT MARION ISLAND, INDIAN OCEAN. *Ardea* 69(2):217-218. 1981. In English with Dutch summ. WR 183
[Percy FitzPatrick Inst., Rondebosch 7700, South Africa] *Diomedea epomophora, D. cauta, Thalassoica antarctica, Puffinus griseus, Stercorarius parasiticus, Larus sabini, L. pipixcan* and *Phalaropus fulicarius*.

81-008412 Taylor, Kenneth and John Marchant. POPULATION CHANGES FOR WATERWAYS BIRDS, 1979-80. *Bird Study* 28(2):153-156. July 1981. WR 183
[British Trust Ornithol., Beech Grove, Tring, Hertfordshire HP23 5NR, England]

81-008413 Trivelpiece, Wayne Zebulon. ECOLOGICAL STUDIES OF PYGOSCELID PENGUINS AND ANTARCTIC SKUAS. *Ph.D. dissertation, State Univ. N.Y. Coll. Environ. Sci. & For.* 150p. 1981. From Diss. Abstr. Int. B Sci. Eng. 42(3):939. Sept. 1981. WR 183
Pygoscelis adeliae, P. antarctica, P. papua, Catharacta lonnbergi and *C. maccormicki* in Antarctic.

WATERFOWL--GENERAL

81-008414 Giroux, Jean-François. USE OF ARTIFICIAL ISLANDS BY NESTING WATERFOWL IN SOUTHEASTERN ALBERTA. *J. Wildl. Manage.* 45(3):669-679. July 1981. WR 183
[Ducks Unlimited, 1190 Waverly St., Winnipeg, Manitoba, Canada R3T 2E2] *Branta canadensis* and 12 spp. of Anatidae.

81-008415 Giroux, Jean-François. DUCKS NESTING IN ASSOCIATION WITH CANADA GEESE. *J. Wildl. Manage.* 45(3):778-782. July 1981. WR 183
[Ducks Unlimited, 1190 Waverly St., Winnipeg, Manitoba, Canada R3T 2E2] *Branta canadensis* in Canada.

81-008416 Herkenrath, Peter. DIE WASSERVOGELFAUNA DES BEVERTEICHES IM OBERBERGISCHEN KREIS. [THE WATERFOWL FAUNA OF PONDS IN THE OBERBERG REGION.] *Charadrius* 17(2):50-52. 1981. In German. WR 183
[Lindenbergstraße 10, 5609 Hückeswagen, West Germany] Annotated list.

81-008417 Johnson, Leon L. WATERFOWL BANDING, 1974. *Minn. Wildl. Res. Q.* 37(2):63-69. Apr. 1977. WR 183
[Sect. Wildl., Minn. Dep. Nat. Resour., Bemidji 56601]

81-008418 Jones, L. E. and R. A. Hunter. STRATEGIES FOR REHABILITATION AND ENHANCEMENT OF COASTAL SITES FOR WATERFOWL. *Estuaries* 4(3):266. Sept. 1981. Abstract only. WR 183
[Ducks Unlimited, Kamloops, British Columbia, Canada]

WATERFOWL--GENERAL (CONTINUED)

81-008419 McDonald, Malcolm E. KEY TO TREMATODES REPORTED IN WATERFOWL. *U.S. Fish Wildl. Serv. Resour. Publ.* 142:[i] + 156p. Sept. 1981. WR 183
[Natl. Wildl. Health Lab., 6006 Schroeder Rd., Madison, WI 57311]

81-008420 Murphy, S. M.; B. Kessel and L. H. Vining. WATERFOWL POPULATIONS AND NUTRIENT LEVELS IN TAIGA PONDS. *Proc. Alaska Sci. Conf. (Fairbanks)* 32:97. 1981. Abstract only. WR 183
[Mus., Univ. Alaska, Fairbanks 99701]

81-008421 Nilsson, Leif. INTERNATIONELLA SJÖFÅGELINVENTERINGARNA I SVERIGE 1980-81. [THE INTERNATIONAL WATERFOWL COUNTS IN SWEDEN 1980-81.] *Vår Fågelvärld* 40(4):270-272. 1981. In Swedish with English summ. WR 183
[Zooekol. Ekologihuset, 223 62 Lund, Sweden]

81-008422 Rhodes, Mark J. and John D. Garcia. CHARACTERISTICS OF PLAYA LAKES RELATED TO SUMMER WATERFOWL USE. *Southwest. Nat.* 26(3):231-235. 21 Aug. 1981. WR 183
[Northwestern Resour. Co., P.O. Box 149, Hunstsville, TX 77340]

81-008423 U.S. Fish and Wildlife Service. STATUS OF WATERFOWL & FALL FLIGHT FORECAST. *U.S. Fish Wildl. Serv.* 23p. 25 July 1981. WR 183

DUCKS

81-008424 Albert, Vilmosne and András Albert. A KONTYOS RÉCE *AYTHYA FULIGULA* FÉSZEKVÉDŐ MAGATARTÁSA. [NEST DEFENDING BEHAVIOUR OF TUFTED DUCK *AYTHYA FULIGULA*.] *Tiscia (Szeged)* 9(suppl. 3):17. 1980. In Hungarian with English summ. WR 183

81-008425 Allen, Jean Anderson. NESTING AND PRODUCTIVITY OF MOTTLED DUCKS IN THE MARSHLANDS OF SOUTHWESTERN LOUISIANA. *M.S. thesis, La. State Univ.* xiii + 101p. 1981. Available only through interlibrary loan, Middleton Library, La. State Univ., Baton Rouge 70803. WR 183
Anas fulvigula.

81-008426 Ambedkar, V. C. TWELVE YEARS OLD COMMON TEAL (*ANAS CRECCA*). *J. Bombay Nat. Hist. Soc.* 77(3):507. Dec. 1980. WR 183
[Bombay Nat. Hist. Soc., Hornbill House, Opp. Lion Gate, Shahid Bhagat Singh Rd., Bombay 400 023, India]

81-008427 Bauer, Carl-Axel; Sune Christiansson and Gustaf Rudebeck. AMERIKANSK BRUNAND *AYTHYA AMERICANA*, EN NY ART FÖR EUROPA, FUNNEN I MALMÖ. [REDHEAD *AYTHYA AMERICANA*, A SPECIES NEW TO EUROPE, FOUND IN MALMÖ, SWEDEN.] *Vår Fågelvärld* 39(5):275-276. 1980. In Swedish with English summ. WR 183
[Kruthornsgränd 16, S-222 52 Lund, Sweden]

81-008428 Beintema, A. J. HET NONNETJE *MERGUS ALBELLUS*. [THE SMEW *MERGUS ALBELLUS*.] *Limosa* 53(1):3-10. 1980. In Dutch with Englsih summ. WR 183
[Rijksinst. voor Natuurbeheer, Postbus 46, 3956 AR Leersum, Netherlands]

DUCKS (CONTINUED)

81-008429 Bidwe, R. S. BRAHMINY DUCKS (*TADORNA FERRUGINEA*) IN LARGE NUMBERS. *Newsl. Birdwatchers* 21(5):17. May 1981. WR 183

81-008430 Blohm, Robert J. ADDITIONAL EVIDENCE OF EGG-MOVING BEHAVIOR BY FEMALE GADWALLS. *Wilson Bull.* 93(2):276-277. June 1981. WR 183
[Office Migratory Bird Manage., Laurel, MD 20811] *Anas strepera* in Canada.

81-008431 Blohm, Robert J. INCUBATING FEMALE GADWALL DIES UPON FLUSHING FROM NEST. *J. Field Ornithol.* 52(2):149-150. 1981. WR 183
[Office Migratory Bird Manage., Laurel, MD 20811] *Anas strepera* in Canada.

81-008432 Bod, Péter. A CSAJ-TÓ USZÓ-RÉCE MOZGALMA, 1973-1979. [MOVEMENT OF SURFACE-FEEDER DUCKS ON THE CSAJ LAKE, 1973-79.] *Tiscia (Szeged)* 9(suppl. 3):4-7. 1980. In Hungarian with English summ. WR 183

81-008433 Bolen, Eric G. and E. Norbert Smith. NOTES ON THE INCUBATION BEHAVIOR OF BLACK-BELLIED WHISTLING DUCKS. *Prairie Nat.* 11(4):119-123. Dec. 1979. WR 183
[Dep. Range & Wildl. Manage., Tex. Tech Univ., Lubbock 79409] *Dendrocygna autumnalis* in Texas.

81-008434 Browne, P. M. and D. A. Duffus. RECENT OBSERVATIONS OF WOOD DUCKS IN EAST-CENTRAL SASKATCHEWAN. *Blue Jay* 39(3):155-157. Sept. 1981. WR 183
[Ducks Unlimited, P.O. Box 4465, 1606-4th Ave., Regina, Saskatchewan S4P 3W7, Canada] *Aix sponsa*.

81-008435 Bruggers, Richard and William B. Jackson. AGE-RELATED DIFFERENCES IN REPRODUCTIVE BEHAVIOUR OF MALE MANDARIN DUCKS. *Bird Study* 28(2):107-114. July 1981. WR 183
[Denver Wildl. Res. Cent., Bldg. 16, Federal Center, Denver, CO 80225] *Aix galericulata*.

81-008436 Bryant, D. M. MOULTING SHELDUCKS ON THE WASH. *Bird Study* 28(2):157-158. July 1981. WR 183
[Dep. Biol., Univ. Stirling, Stirling FK9 4LA, Scotland] *Tadorna tadorna* in England.

81-008437 Burgess, Elizabeth Catherine. VIRUS TRANSMISSION, SHEDDING, SUPERINFECTION AND IMMUNE RESPONSIVENESS IN DUCKS PERSISTENTLY INFECTED WITH DUCK PLAGUE VIRUS. *Ph.D. dissertation, Univ. Wis. (Madison)* 108p. 1981. From Diss. Abstr. Int. B Sci. Eng. 42(3):934. Sept. 1981. WR 183

81-008438 Clark, A. FEMALE MACCOA DUCK (R 103) REACTS TO SICK DUCKLING. *Witwatersrand Bird Club News* No. 113. p. 3. June 1981. WR 183
Oxyura punctata in South Africa.

81-008439 Clugston, David L. BLACK DUCK IN RENFREWSHIRE. *Scott. Birds* 11(7):223. 1981. WR 183
Anas rubripes in Scotland.

DUCKS (CONTINUED)

81-008440 Driver, E. A. HEMATOLOGICAL AND BLOOD CHEMICAL VALUES OF MALLARD, *ANAS P. PLATYRHYNCHOS*, DRAKES BEFORE, DURING AND AFTER REMIGE MOULT. *J. Wildl. Dis.* 17(3):413-421. July 1981. WR 183
[Prairie Migratory Bird Res. Cent., Canadian Wildl. Serv., 115 Perimeter Rd., Saskatoon, Saskatchewan, Canada S7N 0X4]

81-008441 Fellenberg, Wolfgang. AUSBREITUNG DER WESTFÄLISCHEN BRUTPOPULATION DER REIHERENTE (*AYTHYA FULIGULA*) INS SÜDWESTFÄLISCHE BERGLAND. [EXTENSION OF THE WESTPHALIAN BREEDING POPULATION OF THE TUFTED DUCK *AYTHYA FULIGULA* IN THE SOUTH WESTERN WESTPHALIAN MOUNTAINS.] *Charadrius* 17(2):48-49. 1981. In German. WR 183
[Am Rüberg 92, 5490 Lennestadt 1, West Germany]

81-008442 Geldenhuys, J. N. EFFECT OF TEMPERATURE AND RAINFALL ON THE DISTRIBUTION OF THE SOUTH AFRICAN SHELDUCK *TADORNA CANA*. *S. Afr. J. Zool.* 16(3):167-171. 1981. In English with Afrikaans summ. WR 183
[Orange Free State Div. Nat. Conserv., P.O. Box 517, Bloemfontein 9300, South Africa]

81-008443 Giroux, Jean-François. DUCKS NESTING ON ARTIFICIAL ISLANDS DURING DROUGHT. *J. Wildl. Manage.* 45(3):783-786. July 1981. WR 183
[Ducks Unlimited, 1190 Waverly St., Winnipeg, Manitoba, Canada R35 2E2]

81-008444 Harvey, S.; H. Klandorf and J. G. Phillips. EFFECT OF FOOD OR WATER DEPRIVATION ON CIRCULATING LEVELS OF PITUITARY, THYROID AND ADRENAL HORMONES AND ON GLUCOSE AND ELECTROLYTE CONCENTRATIONS IN DOMESTIC DUCKS (*ANAS PLATYRHYNCHOS*). *J. Zool. (Lond.)* 194(3):341-361. July 1981. WR 183
[Wolfson Inst., Univ. Hull, England]

81-008445 Hockey, P. A. R. CAPE SHOVELERS *ANAS SMITHII* AT SEA IN SOUTHERN AFRICA. *Cormorant* 9(1):43. June 1981. WR 183
[Percy FitzPatrick Inst. Afr. Ornithol., Univ. Cape Town, Rondebosch 7700, South Africa]

81-008446 Jowett, Chris. WHITE-EYED DUCK AT WESTERN SPRINGS. *Notornis* 27(4):392. Dec. 1980. WR 183
[58/736 Great North Rd., Western Springs, Auckland 2, New Zealand] *Aythya australis* in New Zealand.

81-008447 Kaiser, Patrick H.; Stephen S. Berlinger and Leigh H. Fredrickson. RESPONSE OF BLUE-WINGED TEAL TO RANGE MANAGEMENT ON WATERFOWL PRODUCTION AREAS IN SOUTHEASTERN SOUTH DAKOTA. *J. Range Manage.* 32(4):295-298. July 1979. WR 183
[School For. Fisheries & Wildl., Univ. Missouri-Columbia, Puxico] *Anas discors*.

81-008448 Kaminski, Richard M. and Harold H. Prince. DABBLING DUCK ACTIVITY AND FORAGING RESPONSES TO AQUATIC MACROINVERTEBRATES. *Auk* 98(1):115-126. Jan. 1981. WR 183
[Dep. Fisheries & Wildl., Mich. State Univ., East Lansing 48824] *Anas platyrhynchos*, *A. discors*, *A. clypeata*, *A. strepera*, and *A. acuta* in Canada.

DUCKS (CONTINUED)

81-008449 Koob, Michael D. DETRIMENTAL EFFECTS OF NASAL SADDLES ON MALE RUDDY DUCKS. *J. Field Ornithol.* 52(2):140-143. 1981. WR 183
[Dep. Biol., Univ. N.D., Grand Forks 58202] *Oxyura jamaicensis.*

81-008450 Krapu, Gary L. THE ROLE OF NUTRIENT RESERVES IN MALLARD REPRODUCTION. *Auk* 98(1):29-38. Jan. 1981. WR 183
[U.S. Fish Wildl. Serv., Northern Prairie Wildl. Res. Cent., Jamestown, ND 58401] *Anas platyrhynchos.*

81-008451 Lahrman, Fred W. and Lorne Scott. BLACK SCOTER AT INDIAN HEAD, SASKATCHEWAN. *Blue Jay* 39(3):181. Sept. 1981. WR 183
[7-3941 Retallack St., Regina, Saskatchewan S4S 3C1, Canada] *Melanitta nigra.*

81-008452 Lee, David S. SPECIMEN RECORD OF A BLACK-BELLIED WHISTLING-DUCK FROM CARTERET COUNTY, N.C. *Chat* 45(2):41-42. 1981. WR 183
[N.C. State Mus. Nat. Hist., Raleigh, NC] *Dendrocyana a. autumnalis.*

81-008453 Lokemoen, J. T. and D. E. Sharp. OCCURRENCE OF TWIN GADWALL EMBRYOS. *Condor* 83(3):273-274. Aug. 1981. WR 183
[Northern Prairie Wildl. Res. Cent., P.O. Box 1747, Jamestown, ND 58402] *Anas strepera.*

81-008454 Marián, Miklós. MAGÜAT SÉRÜLTNEK TETETÓ TÖKÉS RÉCE *ANAS PLATYRHYNCHOS.* [INJURY PRETENDING BEHAVIOUR IN MALLARD *ANAS PLATYRHYNCHOS.*] *Tiscia (Szeged)* 9(suppl. 3):16-17. 1980. In Hungarian with English summ. WR 183

81-008455 Marcisz, Walter J. A PRESUMED BUFFLEHEAD X HOODED MERGANSER HYBRID IN ILLINOIS. *Am. Birds* 35(3):340-341. May 1981. WR 183
[1418 Brown Ave. #16, Whiting, IN 46394] *Bucephala albeola* x *Lophodytes cucullatus.*

81-008456 McCullough, Gary B. MIGRANT WATERFOWL UTILIZATION OF THE LAKE ERIE SHORE, ONTARIO, NEAR THE NANTICOKE INDUSTRIAL DEVELOPMENT. *J. Great Lakes Res.* 7(2):117-122. Nov. 1981. WR 183
[Canadian Wildl. Serv., 152 Newbold Ct., London, Ontario N6E 1Z7, Canada] *Aythya marila* and *A. affinis.*

81-008457 Mead, Whit. SURF SCOTERS AND CANVASBACK IN SCREVEN COUNTY. *Oriole* 45(1):21. Mar. 1980. WR 183
[Rt. 1, Box 166, Sylvania, GA 30467] *Melanitta perspicillata* and *Aythya valisineria* in Georgia.

81-008458 Midtgård, Uffe and Claus Bech. RESPONSES TO CATECHOLAMINES AND NERVE STIMULATION OF THE PERFUSED *RETE TIBIOTARSALE* AND ASSOCIATED BLOOD VESSELS IN THE HIND LIMB OF THE MALLARD (*ANAS PLATYRHYNCHOS*). *Acta Physiol. Scand.* 112(1):77-81. May 1981. WR 183
[Inst. Comp. Anat., Univ Copenhagen, Copenhagen, Denmark]

81-008459 Millard, Steve. CINNAMON TEAL PROLONGS VISIT. *Loon* 53(3):166-167. 1981. WR 183
[617 E. Cavour, Fergus Falls, MN 56537] *Anas cyanoptera* in Minnesota.

DUCKS (CONTINUED)

81-008460 Miller, Jane. FRECKLED DUCK AT CRANEBROOK GRAVEL PITS. *Aust. Birds* 15(4):72. June 1981. WR 183
[25 Gregory Terrace, Lapstone, New South Wales 2773, Australia] *Stictonetta naevosa*.

81-008461 Parrish, John; Roger Benjamin and Ricky Smith. NEAR-ULTRAVIOLET LIGHT RECEPTION IN THE MALLARD. *Auk* 98(3):627-628. July 1981. WR 183
[Div. Biol. Sci., Emporia State Univ., Emporia, KS 66801] *Anas platyrhynchos*.

81-008462 Perry, Matthew C. ABNORMAL BEHAVIOR OF CANVASBACKS EQUIPPED WITH RADIO TRANSMITTERS. *J. Wildl. Manage.* 45(3):786-789. July 1981. WR 183
[Migratory Bird & Habitat Res. Lab., Laurel, MD 20811] *Aythya valisineria* in Virginia and Maryland.

81-008463 Petersen, Margaret R. POPULATIONS, FEEDING ECOLOGY AND MOLT OF STELLER'S EIDERS. *Condor* 83(3):256-262. Aug. 1981. WR 183
[Seattle Natl. Fisheries Res. Cent., 1011 E. Tudor Rd., Anchorage, AK 99503] *Polysticta stelleri* in Alaska.

81-008464 Platteeuw, Maarten. DE RUITREK VAN DE BERGEEND *TADORNA TADORNA* LANGS DE NEDERLANDSE NOORDZEEKUST. [THE MOULT MIGRATION OF THE SHELDUCK *TADORNA TADORNA* ALONG THE DUTCH NORTH SEA COAST.] *Limosa* 53(4):121-128. 1980. In Dutch with English summ. WR 183
[Petrus Campersingel 31/16, 9713 AD, Groningen, Netherlands]

81-008465 Rakestraw, James L. SURVIVAL AND RECOVERY RATES OF MALLARDS BANDED POSTSEASON IN SOUTH CAROLINA. *J. Wildl. Manage.* 45(4):1032-1036. Oct. 1981. WR 183
[Mus. Nat. Hist., Univ. Kans., Lawrence 66045] *Anas platyrhynchos*.

81-008466 Sayler, Rodney D. and Alan D. Afton. ECOLOGICAL ASPECTS OF COMMON GOLDENEYES *BUCEPHALA CLANGULA* WINTERING ON THE UPPER MISSISSIPPI RIVER. *Ornis Scand.* 12(2):99-108. Aug. 1981. WR 183
[Delta Waterfowl Res. Stn., Rural Rt. 1, Portage la Prairie, Manitoba R1N 3A1, Canada]

81-008467 Stanley, Evelyn T. RARE PAIR OF BARROW'S GOLDENEYE. *Loon* 53(2):110-112. 1981. WR 183
[213 Janalyn Circle, Golden Valley, MN 55416] *Bucephala islandica*.

81-008468 Sugden, Lawson G. PARASITISM OF CANVASBACK NESTS BY REDHEADS. *J. Field Ornithol.* 51(4):361-364. 1980. WR 183
[Canadian Wildl. Serv., 115 Perimeter Rd., Saskatoon, Saskatchewan, Canada S7N 0X4] *Aythya americana* and *A. valisineria* in Canada.

81-008469 Sugden, Lawson G.; E. A. Driver and Michael C. S. Kingsley. GROWTH AND ENERGY CONSUMPTION BY CAPTIVE MALLARDS. *Can. J. Zool.* 59(8):1567-1570. Aug. 1981. In English with French summ. WR 183
[Canadian Wildl. Serv., 115 Perimeter Rd., Saskatoon, Saskatchewan, Canada S7N 0X4] *Anas platyrhynchos*.

DUCKS (CONTINUED)

81-008470 Tamisier, Alain and Marie-Christine Tamisier. L'EXISTENCE D'UNITES FONCTIONNELLES DEMONTREE CHEZ LES SARCELLES D'HIVER EN CAMARGUE PAR LA BIOTELEMETRIE. [VALIDATION BY BIOTELEMETRY OF THE "FUNCTIONAL UNIT" CONCEPT AMONG CAMARGUE TEALS.] *Terre Vie* 35(4):563-579. Oct.-Dec. 1981. In French with English summ. WR 183
[Cent. Ecol. Camargue, CNRS, Le Sambuc, 13200 Arles, France] *Anas c. crecca.*

81-008471 Thompson, Bruce C. and James E. Tabor. MALLARD USING MOVING VEHICLES FOR PREDATOR AVOIDANCE. *Wilson Bull.* 93(2):277-278. June 1981. WR 183
[Wash. Dep. Game, Olympia 98504] *Anas platyrhynchos* in Washington.

81-008472 Wallace, D. I. M. BAIKAL TEAL: NEW TO BRITAIN AND IRELAND. *Br. Birds* 74(8):321-326. Aug. 1981. WR 183
[68 Selby Rd., Holme on Spalding Moor, York YO4 4EU, England] *Anas formosa.*

81-008473 Waters, Anne and Vernon Waters. OCCURRENCE OF CINNAMON TEAL IN GEORGIA. *Oriole* 45(1):15-17. Mar. 1980. WR 183
[1621 Apple Valley Dr., Augusta, GA 30906] *Anas cyanoptera.*

81-008474 Wenner, Karl C. and Wayne R. Marion. WOOD DUCK PRODUCTION ON A NORTHERN FLORIDA PHOSPHATE MINE. *J. Wildl. Manage.* 45(4):1037-1042. Oct. 1981. WR 183
[School For. Resour. & Conserv., Univ. Fla., Gainesville 32611] *Aix sponsa.*

81-008475 Woodall, P. F. ASPECTS OF AGE, SEX REPRODUCTIVE DEVELOPMENT AND WEIGHT IN THE REDBILLED TEAL. *S. Afr. J. Wildl. Res.* 11(3):67-77. 1981. In English with Afrikaans summ. WR 183
[Dep. Vet. Anat., Univ. Queensland, Brisbane, Queensland 4067, Australia] *Anas erythrorhyncha* in Zimbabwe.

SWANS AND GEESE

81-008476 Anderson, Arlin C.: Carrol L. Henderson and Robert I. Benson. LAC QUI PARLE WILDLIFE MANAGEMENT AREA GOOSE SEASON SUMMARY, 1976. *Minn. Wildl. Res. Q.* 36(4):199-245. Oct. 1976. WR 183
[Lac Qui Parle Wildl. Manage. Area, Watson, MN 56295] *Branta canadensis* in Minnesota.

81-008477 Bergh, L. M. J. van den. MOGELIJKE WAARNEMINGEN VAN DE ONDERSOORTEN *SERRIROSTRIS* EN *JOHANSENI* VAN DE RIETGANS *ANSER FABALIS.* [POSSIBLE SIGHT RECORDS OF THE SUBSPECIES *SERRIROSTRIS* AND *JOHANSENI* OF THE BEAN GOOSE *ANSER FABALIS.*] *Limosa* 53(1):21-23. 1980. In Dutch with English summ. WR 183
[Rijksinst. voor Natuurbeheer, Postbus 46, 3956 ZR Leersum, Netherlands]

81-008478 Best, R. G. and R. Fowler. INFRARED EMISSIVITY AND RADIANT SURFACE TEMPERATURES OF CANADA AND SNOW GEESE. *J. Wildl. Manage.* 45(4):1026-1029. Oct. 1981. WR 183

SWANS AND GEESE (CONTINUED)

81-008478 CONTINUED
[Remote Sensing Inst., S.D. State Univ., Brookings 57007] *Branta canadensis* and *Anser caerulescens*.

81-008479 Braithwaite, L. W. ECOLOGICAL STUDIES OF THE BLACK SWAN. III. BEHAVIOUR AND SOCIAL ORGANIZATION. *Aust. Wildl. Res.* 8(1):135-146. 1981. WR 183
[Div. Wildl. Res., CSIRO, P.O. Box 84, Lyneham, A.C.T., Australia 2602] *Cygnus atratus*.

81-008480 Braithwaite, L. W. ECOLOGICAL STUDIES OF THE BLACK SWAN II. COLOUR AND PLUMAGE CHANGES, GROWTH RATES, SEXUAL MATURATION AND TIMING AND FREQUENCY OF BREEDING. *Aust. Wildl. Res.* 8(1):121-133. 1981. WR 183
[Div. Wildl. Res., CSIRO, P.O. Box 84, Lyneham, A.C.T., Australia 2602] *Cygnus atratus*.

81-008481 Cargill, Susan M. IMPACT OF GRAZING BY GEESE ON THE NUTRIENT RELATIONS OF CANADIAN TUNDRA PLANTS. *Proc. Alaska Sci. Conf. (Fairbanks)* 32:118. 1981. Abstract only. WR 183
[Dep. Botany, Univ. Toronto, Toronto, Ontario, Canada]

81-008482 Dittami, John Philip. SEASONAL CHANGES IN THE BEHAVIOR AND PLASMA TITERS OF VARIOUS HORMONES IN BARHEADED GEESE, *ANSER INDICUS*. *Z. Tierpsychol.* 55(4):289-324. 1981. WR 183
[Max-Planck-Inst. Verhaltensphysiol., D-8131 Seewiesen, West Germany]

81-008483 Eberhard, I. H. and R. J. Pearse. CONSERVATION OF CAPE BARREN GEESE, *CEREOPSIS NOVAEHOLLANDIAE*, IN TASMANIA. *Aust. Wildl. Res.* 8(1):147-162. 1981. WR 183
[Natl. Parks & Wildl. Serv., P.O. Box 210, Magnet Court, Sandy Bay, Tasmania, Australia 7005]

81-008484 Eckert, Kim. MORE MUTE SWAN RECORDS FROM DULUTH. *Loon* 53(3):165. 1981. WR 183
[9735 North Shore Dr., Duluth, MN 55804] *Cygnus olor* in Minnesota.

81-008485 Greiner, Ellis C.; Donald J. Forrester; James W. Carpenter and Dan R. Yparraguirre. COCCIDIA OF ALEUTIAN CANADA GEESE. *J. Wildl. Dis.* 17(3):365-370. July 1981. WR 183
[Coll. Vet. Med., Univ. Fla., Gainesville 32610] *Branta canadensis leucopareia*.

81-008486 Hawkings, James S. PLANT SUCCESSION AND HABITAT USE BY MIGRATING GEESE ON THE EASTERN COPPER RIVER DELTA, ALASKA, SINCE THE 1964 EARTHQUAKE. *Proc. Alaska Sci. Conf.* 31:102. Sept. 1980. Abstract only. WR 183
[Wildl. Dep., Univ. Alaska, Fairbanks 99701] *Branta canadensis occidentalis*, *Anser albifrons*, *Anser caerulescens*, *Branta canadensis taverneri* and *Anser albifrons frontalis*.

81-008487 Henry, William G. and Paul F. Springer. SEASONAL ABUNDANCE AND BEHAVIOR OF BLACK BRANT (*BRANTA BERNICLA NIGRICANS*) ON HUMBOLDT BAY, CALIFORNIA. *Estuaries* 4(3):265. Sept. 1981. Abstract only. WR 183
[U.S. Forest Serv., Hebo, OR]

SWANS AND GEESE (CONTINUED)

81-008488 Hojnacki, Burnett. BRANT AT DULUTH. *Loon* 53(3):174-175. 1981. WR 183
[140 Greenwood Lane, Duluth, MN 55803] *Branta bernicla* in Minnesota.

81-008489 Marshall, Ann. A STUDY OF NESTING CANADA GEESE AT CONDIE NATURE REFUGE, SASKATCHEWAN, IN 1979. *Blue Jay* 39(2):91-95. June 1981. WR 183
[Saskatchewan Mus. Nat. Hist., Regina, Saskatchewan S4P 3V7, Canada] *Branta canadensis.*

81-008490 McLandress, M. Robert and Dennis G. Raveling. CHANGES IN DIET AND BODY COMPOSITION OF CANADA GEESE BEFORE SPRING MIGRATION. *Auk* 98(1):65-79. Jan. 1981. WR 183
[Div. Wildl. & Fisheries Biol., Univ. Calif., Davis 95616] *Branta canadensis* in Minnesota.

81-008491 Ogilvie, M. A. GREYLAG AND PINKFOOTED GEESE IN BRITAIN. *WAGBI Mag.* p. 13. 1980. From Ecol. Abstr. 1981/1:81L/0874. 1981. WR 183
Anser anser and *A. brachyrhynchus.*

81-008492 Ogilvie, M. A. THE MUTE SWAN IN BRITAIN, 1978. *Bird Study* 28(2):87-106. July 1981. WR 183
[Wildfowl Trust, Slimbridge, Gloucester GL2 7BT, England] *Cygnus olor.*

81-008493 Pollock, K. H. CAPTURE-RECAPTURE MODELS ALLOWING FOR AGE-DEPENDENT SURVIVAL AND CAPTURE RATES. *Biometrics* 37(3):521-529. Sept. 1981. In English with French summ. WR 183
[Dep. Statistics, Box 5457, N.C. State Univ., Raleigh 27650] *Branta canadensis maxima* in Canada.

81-008494 Raveling, Dennis G. SURVIVAL, EXPERIENCE, AND AGE IN RELATION TO BREEDING SUCCESS OF CANADA GEESE. *J. Wildl. Manage.* 45(4):817-829. Oct. 1981. WR 183
[Div. Wildl. & Fisheries Biol., Univ. Calif., Davis 95616] *Branta canadensis maxima* in Canada.

81-008495 Renssen, Th. A. BEHOEFTE VAN KNOBBELZWANEN AAN ZOET WATER OP DE ZOUTE GREVELINGEN. [FRESHWATER DRINKING FLIGHTS OF MUTE SWANS FEEDING ON A SALT LAKE.] *Limosa* 54(1):29-30. 1981. In Dutch with English summ. WR 183
[Rijksinstituut Natuurbeheer, Kemperbergerweg 67, 6819 RM Arnhem, Netherlands] *Cygnus olor* in the Netherlands.

81-008496 Smith, Thomas J. III. PREDICTING MARSH GRAZING BY SNOW GEESE. *Estuaries* 4(3):266. Sept. 1981. Abstract only. WR 183
[Univ. Va., Charlottesville] *Anser caerulescens.*

81-008497 Szymczak, M. R.; R. C. Staffon and J. F. Corey. DISTRIBUTION AND HARVEST OF CANADA GEESE NESTING ALONG THE FOOTHILLS OF COLORADO. *Colo. Div. Wildl. Spec. Rep.* No. 49. vi + 25p. Aug. 1981. Price $1.00. WR 183
Branta canadensis.

81-008498 Wachtel, Paul S. STARVING GREYLAG GEESE SAVED IN SPAIN. *Environ. Conserv.* 8(2):117. 1981. WR 183
[WWF International, Ave. du Mont-Blanc, 1196 Gland, Switzerland] *Anser anser.*

SWANS AND GEESE (CONTINUED)

81-008499 Weaver, David K., editor. PROCEEDINGS & PAPERS OF THE SIXTH TRUMPETER SWAN SOCIETY CONFERENCE. *Trumpeter Swan Soc.* xi + 101p. Aug. 1981. Available at $4.00 postpaid from the Trumpeter Swan Society, 3800 County Rd. 24, Maple Plain, MN 55359. WR 183
Includes 27 pages and panel discussion on *Cygnus buccinator*.

81-008500 Wobeser, G.; F. A. Leighton and R. J. Cawthron. OCCURRENCE OF *SARCOCYSTIS* LANKESTER, 1882, IN WILD GEESE IN SASKATCHEWAN. *Can. J. Zool.* 59(8):1621-1624. Aug. 1981. In English with French summ. WR 183
[Dep. Vet. Pathol., Western Coll. Vet. Med., Univ. Saskatchewan, Saskatoon, Saskatchewan, Canada S7N 0W0] *Anser c. caerulescens*, *A. rossi* and *Branta canadensis* in Canada.

81-008501 Wobeser, G.; F. A. Leighton; G. A. Chalmers and J. W. Pharr. SHOULDER LUXATION IN SNOW AND ROSS' GEESE. *J. Wildl. Manage.* 45(4):1030-1031. *J. Wildl. Manage.* 45(4):1030-1031. Oct. 1981. WR 183
[Dep. Vet. Pathol., Western Coll. Vet. Med., Univ. Saskatchewan, Saskatoon, Saskatchewan, Canada S7N 0W0] *Anser caerulescens* and *A. rossii*.

81-008502 Ydenberg, R. C. and H. H. Th. Prins. SPRING GRAZING AND THE MANIPULATION OF FOOD QUALITY BY BARNACLE GEESE. *J. Appl. Ecol.* 18(2):443-453. Aug. 1981. WR 183
[Edward Grey Inst., Dep. Zool., South Parks Rd., Oxford OX1 3PS, England] *Branta leucopsis* in the Netherlands.

81-008503 Zicus, Michael C. CANADA GOOSE BROOD BEHAVIOR AND SURVIVAL ESTIMATES AT CREX MEADOWS, WISCONSIN. *Wilson Bull.* 93(2):207-217. June 1981. WR 183
[Minn. Dep. Nat. Resour., Bemidji 56601] *Branta canadensis*.

81-008504 Zicus, Michael C. FLOCK BEHAVIOR AND VULNERABILITY TO HUNTING OF CANADA GEESE NESTING AT CREX MEADOWS, WISCONSIN. *J. Wildl. Manage.* 45(4):830-841. Oct. 1981. WR 183
[Minn. Dep. Nat. Resour., Wetland Wildl. Population & Res. Group, 102 23rd St., Bemidji 56601] *Branta canadensis*.

LOONS AND GREBES

81-008505 Bendorf, Carl J. ARCTIC LOON AT AMANA LAKE. *Iowa Bird Life* 51(2):76. June 1981. WR 183
[825 7th Ave., Iowa City, IA] *Gavia arctica* in Iowa.

81-008506 Dann, Peter. NOTES ON THE NEST AND EGGS OF THE AUSTRALASIAN GREBE IN NORTH-WESTERN VICTORIA. *Corella* 5(2):34-36. June 1981. WR 183
[Dep. Zool., Univ. Melbourne, Parkville, Victoria 3052, Australia] *Tachybaptus novaehollandiae* in Australia.

LOONS AND GREBES (CONTINUED)

81-008507 Fry, C. H. BLACK-NECKED GREBE NEW TO NIGERIA AND WEST AFRICA. *Malimbus* 3(1):54. May. 1981. WR 183
[Zool. Dep., Tillydrone Ave., Aberdeen AB9 2TN, Scotland] *Podiceps nigricollis*.

81-008508 Kent, T. H. WESTERN GREBE BREEDING IN OSCEOLA COUNTY. *Iowa Bird Life* 51(3):105. Sept. 1981. WR 183
[211 Richard St., Iowa City, IA 52240] *Aechmophorus occidentalis* in Iowa.

81-008509 Miller, Pat. SMALL GREBES IN THE FAR NORTH. *Notornis* 28(2):140. June 1981. WR 183
[25 Third Ave., Whangarei, New Zealand] *Tachybaptus novaehollandiae* in New Zealand.

81-008510 Nuechterlein, Gary L. ASYNCHRONOUS HATCHING AND SIBLING COMPETITION IN WESTERN GREBES. *Can. J. Zool.* 59(6):994-998. June 1981. In English with French summ. WR 183
[Bell Mus. Nat. Hist., Univ. Minn., Minneapolis 55455] *Aechmophorus occidentalis*.

81-008511 Paget, John M. EARED GREBES AT PENDERGRASS: A NEW GEORGIA RECORD. *Oriole* 45(1):18-19. Mar. 1980. WR 183
[1503 Vine St., Gainesville, GA 30501] *Podiceps nigricollis*.

81-008512 Pieper, W. R. RED-THROATED LOONS AT DULUTH. *Loon* 53(3):168. 1981. WR 183
[11731 Evergreen Circle, Coon Rapids, MN 55433] *Gavia stellata* in Minnesota.

81-008513 Titus, James R. and Larry W. VanDruff. RESPONSE OF THE COMMON LOON TO RECREATIONAL PRESSURE IN THE BOUNDARY WATERS CANOE AREA, NORTHEASTERN MINNESOTA. *Wildl. Monogr.* No. 79. 59p. Oct. 1981. Available at $2.70 from Executive Director, The Wildlife Society, 5410 Grosvenor Lane, Bethesda, MD 20814. WR 183
[Trinity Coll., 15097 Hwy 66, Ashland, OR 97520] *Gavia immer*.

81-008514 Tove, Michael. A DARK-PHASE WESTERN GREBE FROM NORTH CAROLINA. *Chat* 45(3):73-75. 1981. WR 183
[Dep. Zool., Univ. N.C., Chapel Hill 27514] *Aechmorphorus occidentalis*.

SHOREBIRDS, MARSHBIRDS, AND ALLIES

81-008515 Abbott, Jackson M. AN INVASION OF GULLS AT ALEXANDRIA, VIRGINIA, DURING THE FALL OF 1978. *Raven* 51(1):3-7. Mar. 1980. WR 183
[8501 Doter Dr., Alexandria, VA 22308] Data for several spp.

81-008516 Akiyama, Misao. COUNTERMEASURES FOR THE PRESERVATION OF RED-CROWNED CRANES AT PRESENT AND IN THE FUTURE. *In Crane Research Around the World. James C. Lewis and Hiroyuki Nasatomi, editors.* p. 102. 1981. WR 183
[Hokkaido Board of Education, Sapporo, Hokkaido, Japan] *Grus japonensis* in Japan.

SHOREBIRDS, MARSHBIRDS, AND ALLIES (CONTINUED)

81-008517 Altevogt, R. and T. A. Davis. NOCTURNAL ACTIVITY OF THE TURNSTONE (*ARENARIA INTERPRES*) ON SOUTH SENTINEL (ANDAMAN ISLANDS). *J. Bombay Nat. Hist. Soc.* 77(3):508-510. Dec. 1980. WR 183
[Physiol. & Ecol., Munster Univ., D-4400 Munster, Germany]

81-008518 Archibald, George and Marie Oesting. BLACK-NECKED CRANE: A REVIEW. *In Crane Research Around the World. James C. Lewis and Hiroyuki Nasatomi, editors.* p. 190-196. 1981. WR 183
[International Crane Foundation, City View Rd., Baraboo, WI 53913] *Grus nigricollis.*

81-008519 Archibald, George W. CRANES WINTERING IN THE REPUBLIC OF KOREA. *In Crane Research Around the World. James C. Lewis and Hiroyuki Nasatomi, editors.* p. 66-69. 1981. WR 183
[International Crane Foundation, City View Rd., Baraboo, WI 53913]

81-008520 Archibald, George W.; Yoshimitsu Shigeta; Kyoko Matsumoto and Kunikazu Momose. ENDANGERED CRANES. *In Crane Research Around the World. James C. Lewis and Hiroyuki Nasatomi, editors.* p. 1-12. 1981. WR 183
[International Crane Foundation, City View Rd., Baraboa, WI 53913]

81-008521 Archibald, George. INTRODUCING THE SAROLGA. *In Crane Research Around the World. James C. Lewis and Hiroyuki Nasatomi, editors.* p. 213-215. 1981. WR 183
[International Crane Foundation, City View Rd., Baraboo, WI 53913] *Grus antigone* X *Grus rubicunda.*

81-008522 Arnold, Keith A. FIDELITY OF COMMON SNIPE TO WINTERING GROUNDS, WITH COMMENTS ON LOCAL MOVEMENTS. *Southwest. Nat.* 26(3):319-331. 21 Aug. 1981. WR 183
[Dep. Wildl. & Fisheries Sci., Tex. A&M Univ., College Station 77843] *Gallinago gallinago* in Texas.

81-008523 Bürkli, Wolfram. HERINGSMÖWE *LARUS FUSCUS* IM OBERENGADIN. [HERRING GULL *LARUS FUSCUS* IN OBERENGADIN.] *Ornithol. Beob.* 78(1):51. Apr. 1981. In German. WR 183

81-008524 Babó, Tibor. VÝSKYT DROPA VEĽKÉHO EUROSIBÍRSKEHO (*OTIS TARDA TARDA* LIN., 1758) NA NOVÝCH LOKALITÁCH ZÁPADNÉHO SLOVENSKA. [OCCURRENCE OF THE EUROSIBIRIAN GREAT BUSTARD (*OTIS TARDA TARDA* LIN. 1758) AT NOVEL LOCALITIES IN WEST SLOVAKIA.] *Biológia (Bratisl.)* 34(8):673-676. 1979. With Russian and English summ. WR 183
[Nitra Homeland Hist. Mus., 95050 Nitra, Hradná 9, Czechoslovakia]

81-008525 Barnard, C. J. and Hilary Stephens. PREY SIZE SELECTION BY LAPWINGS IN LAPWING/GULL ASSOCIATIONS. *Behaviour* 77(1-2):1-22. 1981. In English with German summ. WR 183
[Anim. Behav. Res. Group, Dep. Zool., Univ. Nottingham, Nottingham, England] *Vanellus vanellus* and *Larus ridibundus.*

81-008526 Barrett, Robert T. TEMPERATURE OF KITTIWAKE *RISSA TRIDACTYLA* EGGS AND NESTS DURING INCUBATION. *Ornis Scand.* 11(1):50-59. 1980. WR 183
[Dep. Marine Biol., Tromsø Mus., Univ. Tromsø, P.O. Box 2550, N-9001 Tromsø, Norway]

SHOREBIRDS, MARSHBIRDS, AND ALLIES (CONTINUED)

81-008527 Bartlett, Michael. BATHING BEHAVIOUR OF THE EASTERN REEF EGRET *EGRETTA SACRA*. *Aust. Bird Watcher* 9(1):24-25. Mar. 1981. WR 183
[Evangelisches Krankenhaus, 4520 Melle, West Germany]

81-008528 Baskaran, S. Theodore. WHITE STORKS IN VELLORE. *Newsl. Birdwatchers* 21(5):18. May 1981. WR 183
Ciconia ciconia in India.

81-008529 Bayer, Range D. ARRIVAL AND DEPARTURE FREQUENCIES OF GREAT BLUE HERONS AT TWO OREGON ESTUARINE COLONIES. *Auk* 98(3):589-595. July 1981. WR 183
[423 SW 9th, Newport, OR 97365] *Ardea herodias*.

81-008530 Beijersbergen, John. EEN VONDST VAN DE WOESTIJNPLEVIER *CHARADRIUS LESCHENAULTII*. [FIRST RECORD OF GREATER SANDPLOVER IN THE NETHERLANDS.] *Limosa* 53(1):34. 1980. In Dutch with English summ. WR 183
[Kapteinsweg 4, 4315 PN Dreischor, Netherlands]

81-008531 Blomqvist, Sven and Magnus Elander. SABINE'S GULL (*XEMA SABINI*), ROSS'S GULL (*RHODOSTETHIA ROSEA*) AND IVORY GULL (*PAGOPHILA EBURNEA*) GULLS IN THE ARCTIC: A REVIEW. *Arctic* 34(2):122-132. June 1981. In English with French and Russian summ. WR 183
[Dep. Zool., Univ. Stockholm, Box 6801, S-113 86 Stockholm, Sweden]

81-008532 Boggus, Thomas G. EFFECTS OF HABITAT VARIABLES ON FORAGING OF AMERICAN WOODCOCK WINTERING IN EAST TEXAS. *M.S. thesis, Stephen F. Austin State Univ.* 41p. 1980. From Masters Abstr. 19(3):203. Sept. 1981. WR 183
Philohela minor.

81-008533 Bold, A. CRANES OF THE MONGOLIAN PEOPLE'S REPUBLIC. *In Crane Research Around the World. James C. Lewis and Hiroyuki Masatomi, editors.* p. 49. 1981. WR 183
[Inst. General & Exp. Biol., Acad. Sci., Mongolian People's Republic, Ulan-Bator, Mongolian People's Republic] *Grus grus lilfordi, G. japonensis, G. vipio, G. leucogeranus, G. monacha* and *Anthropoides virgo*.

81-008534 Bourgeois, Jean-Claude and Richard Couture. CONTRIBUTION A L'ETUDE DES PROBLEMES RELATIFS A L'INTERPRETATION DES RECENSEMENTS DE POPULATIONS DE BECASSES D'AMERIQUE (*PHILOHELA MINOR*). [CONTRIBUTION TO THE STUDY OF PROBLEMS RELATIVE TO THE INTERPRETATION OF CENSUS OF AMERICAN WOODCOCK *PHILOHELA MINOR* POPULATIONS.] *Fauna Québec Bull.* 21:vii + 65p. Aug. 1979. In French with English summ. WR 183
[Dep. Chim.-Biol., Univ. Québec, Trois-Rivières, Québec, Canada]

81-008535 Bowie, Jeanette Y. REDESCRIPTION OF *COSMOCEPHALUS TANAKAI* RODRIGUES & VICENTE (NEMATODA: ACUARIIDAE), A PARASITE OF THE SOUTHERN BLACK-BACKED GULL IN NEW ZEALAND. *N.Z. J. Zool.* 8(2):249-253. 1981. WR 183
[Dep. Zool., Univ. Canterbury, Christchurch 1, New Zealand] *Larus dominicanus*.

81-008536 Bradley, T. W. GULL-SCARING TRIALS FOR LANDFILL SITES. *Surveyor* 155(4572):6-7. 1980. From Ecol. Abstr. 1981/2:81L/2468. 1981. WR 183
Laridae in England.

SHOREBIRDS, MARSHBIRDS, AND ALLIES (CONTINUED)

81-008537 Brazier, Frank. ICELAND GULL AT KATEPWA LAKE, SASKATCHEWAN. *Blue Jay* 39(2):96-98. June 1981. WR 183
[2657 Cameron St., Regina, Saskatchewan S4T 2W5, Canada] *Larus glaucoides*.

81-008538 Brown, Beth. COLOUR-MARKED TURNSTONE IN MANUKAU HARBOUR. *Notornis* 27(4):403. Dec. 1980. WR 183
[39 Red Hill Rd., Papakura, New Zealand] *Arenaria interpres*.

81-008539 Brown, Beth. POSSIBLE EARLY RECORD OF CATTLE EGRETS IN NEW ZEALAND. *Notornis* 27(4):400. Dec. 1980. WR 183
[39 Red Hill Rd., Papakura, New Zealand] *Bubulcus ibis*.

81-008540 Buckman, Robert. WHITE-FACED IBIS AND SNOWY EGRET SIGHTED IN LAKE COUNTY. *S.D. Bird Notes* 33(3):59. Sept. 1981. WR 183
[Madison, WI 57042] *Plegadis chihi* and *Leucophoyx thula* in South Dakota.

81-008541 Burger, A. E. FOOD AND FORAGING BEHAVIOUR OF LESSER SHEATHBILLS AT MARION ISLAND. *Ardea* 69(2):167-180. 1981. In English with Dutch summ. WR 183
[Percy FitzPatrick Inst., Rondebosch 7700, Cape Town, South Africa] *Chionis minor*.

81-008542 Burger, Alan E. TIME BUDGETS, ENERGY NEEDS AND KLEPTOPARASITISM IN BREEDING LESSER SHEATHBILLS (*CHIONIS MINOR*). *Condor* 83(2):106-112. May 1981. WR 183
[1684 Yale St., Victoria, British Columbia, Canada V8R 5N6]

81-008543 Burger, Joanna and Michael Gochfeld. NEST SITE SELECTION BY KELP GULLS IN SOUTHERN AFRICA. *Condor* 83(3):243-251. Aug. 1981. WR 183
[Dep. Biol., Rutgers Univ., New Brunswick, NJ 08903] *Larus dominicanus* in South Africa and Namibia.

81-008544 Burger, Joanna and Michael Gochfeld. COLONY AND HABITAT SELECTION OF SIX KELP GULL *LARUS DOMINICANUS* COLONIES IN SOUTH AFRICA. *Ibis* 123(3):298-310. July 1981. WR 183
[Dep. Biol., Livingston Coll., Rutgers Univ., New Brunswick, NJ 08903]

81-008545 Burger, Joanna and Michael Gochfeld. AGE-RELATED DIFFERENCES IN PIRACY BEHAVIOUR OF FOUR SPECIES OF GULLS, *LARUS*. *Behaviour* 77(4):242-267. 1981. In English with French summ. WR 183
[Dep. Biol., Livingston Coll., Rutgers Univ., New Brunswick, NJ 08903] *Larus marinus, L. argentatus, L. delawarensis* and *L. atricilla* in New Jersey.

81-008546 Burger, Joanna. A MODEL FOR THE EVOLUTION OF MIXED-SPECIES COLONIES OF CICONIIFORMES. *Q. Rev. Biol.* 56(2):143-167. June 1981. WR 183
[Dep. Biol., Livingston Coll., Rutgers Univ., New Brunswick, NJ 08903]

SHOREBIRDS, MARSHBIRDS, AND ALLIES (CONTINUED)

81-008547 Butler, Ronald G. and Wayne Trivelpiece. NEST SPACING, REPRODUCTIVE SUCCESS, AND BEHAVIOR OF THE GREAT BLACK-BACKED GULL (*LARUS MARINUS*). *Auk* 98(1):99-107. Jan. 1981. WR 183
[Seabird Res. Group, Mount Desert Island Biol. Lab., Salsbury Cove, ME 04672]

81-008548 Buxton, Nigel E. WADER POPULATIONS OF THE SOFT SHORES OF LEWIS AND HARRIS, OUTER HEBRIDES IN 1979. *Wader Study Group Bull.* No. 32. p. 29-33. Aug. 1981. WR 183
[Nat. Conservancy Council, 42 Aird Tong, Isle of Lewis, Western Isles, Scotland]

81-008549 Camberlein, Gilles. MÉTHODES D'EFFRAYEMENT DU GOELAND ARGENTÉ APPLIQUÉES À LA PROTECTION DE LA MYTILICULTURE DANS LES CÔTES DU NORD. [BIRD-SCARING AWAY METHODS AGAINST HERRING GULLS AND THEIR PROTECTIVE EFFECTS ON THE CULTURE OF MUSSELS IN THE COTES DU NORD REGION.] *Bull. Mens. Off. Natl. Chasse No. Spec. Sci. Tech. (Paris)* p. 261-267. Nov. 1980. In French with English summ. WR 183
[Soc. Étude Protection Nat. Bretagne, École de Quatre Moulins, 186 rue A. France, 29200 Brest, France] *Larus argentatus.*

81-008550 Christen, Walter. BEACHTLICH HOHE SIEDLUNGSDICHTE DER WASSERRALLE. [NOTEWORTHY LARGE COLONY OF WATER RAILS.] *Ornithol. Beob.* 78(1):48. Apr. 1981. In German. WR 183
Rallus aquaticus.

81-008551 Claridge, J. C. R. AUSTRALIAN COOT IN MARINE ENVIRONMENT. *Notornis* 28(2):142. June 1981. WR 183
[17 Moana Rd., Plimmerton, New Zealand] *Fulica atra australia* in New Zealand.

81-008552 Clay, Theresa. THE ISCHNOCERAN LICE (PHTHIRAPTERA) OF THE OYSTERCATCHERS (AVES: HAEMATOPODIDAE). *Can. J. Zool.* 59(6):933-938. June 1981. In English with French summ. WR 183
[British Mus. (Nat. Hist.), Cromwell Rd., London SW7 5BD, England] Host: *Haematopus* spp.

81-008553 Clinard, Turner N. WOOD STORKS IN WESTERN VIRGINIA. *Raven* 50(3):53. Sept. 1979. WR 183
[Emory & Henry Coll., Emory, VA 24329] *Mycteria americana.*

81-008554 Connelly, John W. and Robert J. Gates. FIRST RECORD OF A BLACK-LEGGED KITTIWAKE IN IDAHO. *Condor* 83(3):272-273. Aug. 1981. WR 183
[Radiol. & Environ. Sci. Lab., 550 Second St., Idaho Falls, ID 83401] *Rissa tridactyla.*

81-008555 Connor, M. A. COMMON SANDPIPERS PERCHED FOUR METRES UP A TREE. *Aust. Bird Watcher* 9(1):32. Mar. 1981. WR 183
[Dep. Chem. Eng., Univ. Melbourne, Parkville, Victoria 3052 Australia]

81-008556 Connors, Peter G.; J. P. Myers; Carolyn S. W. Connors and F. A. Pitelka. INTERHABITAT MOVEMENTS BY SANDERLINGS IN RELATION TO FORAGING PROFITABILITY AND THE TIDAL CYCLE. *Auk* 98(1):49-64. Jan. 1981. WR 183

SHOREBIRDS, MARSHBIRDS, AND ALLIES (CONTINUED)

81-008556 CONTINUED
[Bodega Mar. Lab., Univ. Calif., Bodega Bay 94923] *Calidris alba* in California.

81-008557 Conover, Michael R. and Don E. Miller. DAILY ACTIVITY PATTERNS OF BREEDING RING-BILLED AND CALIFORNIA GULLS. *J. Field Ornithol.* 51(4):329-339. 1980. WR 183
[Dep. Zool., Wash. State Univ., Pullman 99164] *Larus delawarensis* and *L. californicus* in Washington.

81-008558 Conover, Michael R. and Don E. Miller. ELICITATION OF VOCALIZATIONS AND PECKING IN RING-BILLED GULL CHICKS. *Behaviour* 77(4):268-286. 1981. In English with German summ. WR 183
[Dep. Ecol. & Climatol., Conn. Agric. Exp. Stn., Box 1106, New Haven 06504] *Larus delawarensis* in Washington.

81-008559 Cutworth, R. A. LITTLE BLUE HERON AT HORICON. *Passenger Pigeon* 43(2):51. 1981. WR 183
Florida caerulea in Wisconsin.

81-008560 da Prato, S. R. D.; J. M. Dickson and F. L. Symonds. SANDWICH TERNS IN THE FIRTH OF FORTH IN WINTER. *Scott. Birds* 11(7):226-227. 1981. WR 183
Sterna sandvicensis in Scotland.

81-008561 Davidar, Peter. OCCURRENCE OF THE WOODCOCK (*SCOLOPAX RUSTICOLA*) AT LOW ALTITUDES. *J. Bombay Nat. Hist. Soc.* 77(3):511. Dec. 1980. WR 183
[Canowie, Coonoor-643 101, Nilgiris, India]

81-008562 Davies, Stephen. DEVELOPMENT AND BEHAVIOUR OF LITTLE TERN CHICKS. *Br. Birds* 74(7):291-298. July 1981. WR 183
[c/o Gibraltar Point Nat. Reserve, Skegness, Lincolnshire, England] *Sterna albifrons* in England.

81-008563 Davis, M. M. RED-CAPPED DOTTEREL IN NORTH CANTERBURY. *Notornis* 27(4):367-368. Dec. 1980. WR 183
[211 Hills Rd., Christchurch 1, New Zealand] *Charadrius alexandrinus ruficapillus* in New Zealand.

81-008564 Dekker, R. W. R. J. (René). BLACK HERON IN EGYPT IN AUGUST 1980. *Dutch Birding* 3(3):80. Sept. 1981. In English. WR 183
[Brederodestraat 24, 1054 MT Amsterdam, Netherlands] *Egretta ardesiaca*.

81-008565 Delap, Ella. LOUISIANA (TRICOLORED) HERON IN NORTHEASTERN OKLAHOMA. *Bull. Okla. Ornithol. Soc.* 14(3):21-22. Sept. 1981. WR 183
[409 N. Wyandotte, Dewey, OK 74029] *Hydranassa tricolor*.

81-008566 DesGranges, Jean-Luc. OBSERVATIONS SUR L'ALIMENTATION DU GRAND HÉRON *ARDEA HERODIAS* AU QUÉBEC (CANADA). [OBSERVATIONS OF GREAT BLUE HERON *ARDEA HERODIAS* FOOD HABITS IN QUEBEC (CANADA).] *Alauda* 49(1):25-34. Mar. 1981. In French with English summ. WR 183
[Serv. Canadien de la Faune, 2700 bd Laurier, C.P. 10100 Sainte-Foy, Québec G1V 4H5, Canada]

SHOREBIRDS, MARSHBIRDS, AND ALLIES (CONTINUED)

81-008567 Devries, Suzanne. THE EFFECTS OF HABITAT CONDITION ON PRODUCTION OF THE COMMON GALLINULE. *Bios* 52(3):170-171. Sept. 1981. Abstract only. WR 183
Gallinula chloropus in Michigan.

81-008568 Dijk, J. van and A. Wassink. HET VERLOOP VAN DE SICHTBARE VOORJAARSTREK VAN EEN AANTAL STELTLOPERS LANGS DE HOLLANDSE KUST. [THE COURSE OF THE VISIBLE SPRING MIGRATION OF SOME WADERS ALONG THE COAST OF NOORD-HOLLAND AND ZUID-HOLLAND.] *Limosa* 53(4):109-120. 1980. In Dutch with English summ. WR 183
[L. Hellenberghof 32, 2202 XT Noordwijk aan Zee, Netherlands]

81-008569 Dillon, Jennifer S. POSSIBLE NESTING ATTEMPT BY AVOCETS IN VIRGINIA. *Raven* 50(3):54. Sept. 1979. WR 183
[Dep. Biol., Univ. Chicago, Chicago, IL 60637] *Recurvirostra americana*.

81-008570 Drewien, Roderick C. and Elwood G. Bizeau. USE OF RADIOTELEMETRY TO STUDY MOVEMENTS OF JUVENILE WHOOPING CRANES. *In Crane Research Around the World. James C. Lewis and Hiroyuki Masatomi, editors.* p. 130-134. 1981. WR 183
[Idaho Coop. Wildl. Res. Unit, Univ. Idaho, Moscow 83843] *Grus canadensis*.

81-008571 Dubois, Philippe. GREATER SAND PLOVERS IN EUROPE. *Br. Birds* 74(6):268. June 1981. WR 183
[5 rue de Tournelles, 78000 Versailles, France] *Charadrius leschenaultii* in France.

81-008572 DuBowy, Paul J. GLAUCOUS GULL AT KELLY'S SLOUGH, GRAND FORKS COUNTY, NORTH DAKOTA. *Prairie Nat.* 11(4):124-125. Dec. 1979. WR 183
[Dep. Biol., Univ. N. Dak., Grand Forks 58202] *Larus hyperboreus*.

81-008573 Dugan, P. J.; P. R. Evans; L. R. Goodyer and N. C. Davidson. WINTER FAT RESERVES IN SHOREBIRDS: DISTURBANCE OF REGULATED LEVELS BY SEVERE WEATHER CONDITIONS. *Ibis* 123(3):359-363. July 1981. WR 183
[Dep. Zool., Sci. Lab., South Rd., Durham DH1 3LE, England] *Pluvialis squatarola* in England.

81-008574 Duncan, Neil. THE ABBEYSTEAD AND MALLOWDALE GULL COLONY BEFORE CONTROL. *Bird Study* 28(2):133-138. July 1981. WR 183
[Dep. Zool., Univ. Durham, South Rd., Durham DH1 3LE, England] *Larus fuscus* and *L. argentatus* in England.

81-008575 Eckert, Kim. ANOTHER LITTLE GULL AT DULUTH. *Loon* 53(3):163-164. 1981. WR 183
[9735 North Shore Dr., Duluth, MN 55804] *Larus minutus* in Minnesota.

81-008576 Eckert, Kim. FIRST RECORD OF WILSON'S PLOVER FOR MINNESOTA. *Loon* 53(3):123-125. 1981. WR 183
[9735 North Shore Dr., Duluth, MN 55804] *Charadrius wilsonia*.

81-008577 Eng, Robert L. BREEDING RECORD FOR THE SNOWY PLOVER FOR MONTANA. *Condor* 83(3):273. Aug. 1981. WR 183
[Dep. Biol., Mont. State Univ., Bozeman 59717] *Charadrius alexandrinus*.

SHOREBIRDS, MARSHBIRDS, AND ALLIES (CONTINUED)

81-008578 Ennis, Thomas. BREEDING GOLDEN PLOVERS *PLUVIALIS APRICARIA* (L) IN CO ANTRIM. *Irish Nat. J.* 19(12):424-425. 1979. From Ecol. Abstr. 1981/1:81L/0871. 1981. WR 183

81-008579 Erickson, R. C. and S. R. Derrickson. THE WHOOPING CRANE. *In Crane Research Around the World. James C. Lewis and Hiroyuki Nasatomi, editors.* p. 104-118. 1981. WR 183
[Patuxent Wildl. Res. Cent., Laurel, MD 20811] *Grus americana.*

81-008580 Fenech, Natalino and Raymond Galea. AN UNUSUALLY LARGE INFLUX OF GLOSSY IBIS. *Il-Merill* No. 21. p. 23. Jan.-Dec. 1980. WR 183
Plegadis falcinellus.

81-008581 Ferns, P. N. THE SPRING MIGRATION OF DUNLINS THROUGH BRITAIN IN 1979. *Wader Study Group Bull.* No. 32. p. 14-19. Aug. 1981. WR 183
Calidris spp.

81-008582 Ferns, Peter N. IDENTIFICATION, SUBSPECIFIC VARIATION, AGEING AND SEXING IN EUROPEAN DUNLINS. *Dutch Birding* 3(3):85-98. Sept. 1981. In English. WR 183
[Dep. Zool., Univ. Coll., P.O. Box 78, Cardiff CF1 1XL, Wales] *Calidris alpina.*

81-008583 Figueroa, Luis; Patricio Torres; René Franjola and Roberto Schlatter. INVESTIGACIONES SOBRE PSEUDOPHYLLIDEA (CARUS, 1813) EN EL SUR DE CHILE. VI. INFECCIÓN POR *DIPHYLLOBOTHRIUM* (COBBOLD) EN *LARUS MACULIPENNIS* LICHTENSTEIN EN EL LAGO CALAFQUÉN. [RESEARCH ON PSEUDOPHYLLIDEA (CARUS, 1813) FROM THE SOUTH OF CHILE. VI. *DIPHYLLOBOTHRIUM* (COBBOLD) INFECTION IN *LARUS MACULIPENNIS* LICHTENSTEIN FROM CALAFQUÉN LAKE.] *Bol. Chile. Parasitol.* 35(3&4):71-73. July-Sept. & Oct.-Dec. 1980. In Spanish with English summ. WR 183
[Inst. Parasitol., Univ. Austral Chile, Santiago, Chile]

81-008584 Flint, V. E. and A. G. Sorokin. THE BIOLOGY OF THE SIBERIAN CRANE (STERKH) IN YAKUTIA. *In Crane Research Around the World. James C. Lewis and Hiroyuki Masatomi, editors.* p. 146-149. 1981. WR 183
[All-Union Sci.-Res. Inst. Environ. Proection & Reserves, Minist. Agric. Znamenskoye-Sadlei, 1492790, P.O. Vilar, Moscow Region, USSR] *Grus leucogeranus* in the USSR.

81-008585 Flint, Vladimir E. and A. A. Kistchinski. THE SIBERIAN CRANE IN YAKUTIA. *In Crane Research Around the World. James C. Lewis and Hiroyuki Masatomi, editors.* p. 136-145. 1981. WR 183
[All-Union Sci.-Res. Inst. Environ. Protection & Reserves, Minist. Agric., Znamenskoye-Sadlei, 1492790, P.O. Vilar, Moscow Region, USSR] *Grus leucogeranus* in the USSR.

81-008586 Follen, Don G., Sr. MARBLED GODWITS AT MARSHFIELD. *Passenger Pigeon* 43(2):62. 1981. WR 183
Limosa fedda in Wisconsin.

81-008587 Fox, Glen A.; Carl R. Cooper and John P. Ryder. PREDICTING THE SEX OF HERRING GULLS BY USING EXTERNAL MEASUREMENTS. *J. Field Ornithol.* 52(1):1-9. 1981. WR 183

SHOREBIRDS, MARSHBIRDS, AND ALLIES (CONTINUED)

81-008587 CONTINUED
[Wildl. Toxicol. Div., Canadian Wildl. Serv., Natl. Wildl. Res. Cent., Ottawa, Ontario K1A 0E7, Canada] *Larus argentatus* in Canada.

81-008588 Fredriksson, Stig and Stig Högström. SKRATTMÅSEN *LARUS RIDIBUNDUS* PÅ GOTLAND. [THE BLACK-HEADED GULL *LARUS RIDIBUNDUS* IN GOTLAND.] *Vår Fågelvärld* 40(5):311-326. 1981. In Swedish with English summ. WR 183
[Hammeskärsgatan 8 B, 414 61 Göteborg, Sweden]

81-008589 Fry, C. H. WEST AFRICAN CROWNED CRANE STATUS. *In Crane Research Around the World. James C. Lewis and Hiroyuki Masatomi, editors.* p. 251-153. 1981. WR 183
[Zool. Dep., Aberdeen Univ., Aberdeen AB9 2TN, Scotland] *Balearica p. pavonina.*

81-008590 Fujioka, Masahiro and Satoshi Yamagishi. EXTRAMARITAL AND PAIR COPULATIONS IN THE CATTLE EGRET. *Auk* 98(1):134-144. Jan. 1981. WR 183
[Lab. Anim. Sociol., Fac. Sci., Osaka City Univ., Sugimoto-cho, Sumiyoshi-ku, Osaka 558, Japan] *Bubulcus ibis* in Japan.

81-008591 Fulgenhauer, J. BEHAVIOUR OF BUTTON QUAIL. *Sunbird* 11(2):25-39. June 1980. WR 183
[c/o Sir Alan Fletcher Res. Lab., P.O. Box 36, Sherwood, Queensland 4075, Australia] *Turnix pyrrothorax.*

81-008592 Furness, R. W. and S. R. Baillie. AGE RATIOS, WING LENGTH AND MOULT AS INDICATORS OF THE POPULATION STRUCTURE OF REDSHANK WINTERING ON BRITISH ESTUARIES. *Ringing Migration* 3(3):123-132. July 1981. WR 183
[Zool. Dep., Glasgow Univ., Glasgow G12 8QQ, Scotland] *Tringa totanus.*

81-008593 Gerber, Edna. AN IBIS IN COTTONWOOD COUNTY. *Loon* 53(3):164-165. 1981. WR 183
[1300 2nd Ave., Mountain Lake, MN 56159] *Plegadis chihi* in Minnesota.

81-008594 Gochfeld, Michael and Joanna Burger. OPPORTUNISTIC SCAVENGING BY SHOREBIRDS: FEEDING BEHAIVOR AND AGGRESSION. *J. Field Ornithol.* 51(4):373-375. 1980. WR 183
[Environ. Health, Columbia Univ. School Public Health, 600 W. 168th St., New York, NY 10032]

81-008595 Gole, Prakash. BLACK-NECKED CRANES IN LADAKH. *In Crane Research Around the World. James C. Lewis and Hiroyuki Masatomi, editors.* p. 197-203. 1981. WR 183
[World Wildl. Fund -- India, 277 Sindh Honsing Soc., Poona 411 007, Maharashtra, India] *Grus nigricollis* in India.

81-008596 Goss-Custard, J. D.; S. E. A. le V. dit Durell; H. Sitters and R. Swinfen. MIST-NETS CATCH MORE JUVENILE OYSTERCATCHERS THAN ADULTS. *Wader Study Group Bull.* No. 32. p. 13. Aug. 1981. WR 183
[Inst. Terrestrial Ecol., Furzebrook Res. Stn., Wareham, Dorset, England] *Haematopus ostralegus* in England.

SHOREBIRDS, MARSHBIRDS, AND ALLIES (CONTINUED)

81-008597 Goss-Custard, J. D.; R. E. Jones and L. Harrison. WEIGHTS OF KNOT IN CAPTIVITY. *Wader Study Group Bull.* No. 32. p. 34-35. Aug. 1981. WR 183
[Inst. Terrestrial Ecol., Furzebrook Res. Stn., Wareham, Dorset BH20 5AS, England] *Calidris canutus.*

81-008598 Grant, Jonathan. A BIOENERGETIC MODEL OF SHOREBIRD PREDATION ON INFAUNAL AMPHIPODS. *Oikos* 37(1):53-62. July 1981. In English with Russian summ. WR 183
[Belle W. Baruch Inst. Marine Biol. & Coastal Res., Univ. S.C., Columbia 29208]

81-008599 Grant, P. J. and R. A. Hume. HERRING GULL WITH CHARACTERS OF MEDITERRANEAN RACE IN KENT. *Br. Birds* 74(8):350-351. Aug. 1981. WR 183
[14 Heathfield Rd., Ashford, Kent TN24 8QD, England] *Larus argentatus* in England.

81-008600 Grant, P. J. FIELD IDENTIFICATION OF WEST PALEARCTIC GULLS. 5. GLAUCOUS, ICELAND, SOOTY AND WHITE-EYED GULLS. *Br. Birds* 74(9):363-394. Sept. 1981. WR 183
Larus hyperboreus, L. glaucoides, L. hemprichii and *L. leucophthalmus.*

81-008601 Green, Janet C. POMARINE JAEGER, MINNESOTA POINT. *Loon* 53(2):113-114. 1981. WR 183
[10550 Old N. Shore Rd., Duluth, MN 55804] *Stercorarius pomarinus* in Minnesota.

81-008602 Gromadzka, J. RESULTS OF TWENTY YEARS OF WADER RINGING AT THE MOUTH OF VISTULA IN POLAND. *Wader Study Group Bull.* No. 32. p. 23-24. Aug. 1981. WR 183
[Stacja Ornitol. IZ PAN, Nadwislanska 108, 80-680 Gdansk 40, Poland]

81-008603 Guo-En Ma. BREEDING HABITS OF RED-CROWNED CRANES. *In Crane Research Around the World. James C. Lewis and Hiroyuki Nasatomi, editors.* p. 89-93. 1981. WR 183
[Dep. Biol., Harbin Normal Univ., Hosing Rd. 4, Harbin, China] *Grus japonensis* in China.

81-008604 Hafner, Heinz and Mike Moser. LES HÉRONS ET LA PISCICULTURE EN CAMARGUE. [HERONS AND PISCICULTURE IN THE CAMARGUE.] *Bull. Mens. Off. Natl. Chasse No. Spec. Sci. Tech. (Paris)* p. 255-260. Nov. 1980. In French with English summ. WR 183
[Stn. Biol. Tourdu Valat, Le Sambuc, 13200 Arles, France] Data for 9 spp. of Ardeidae.

81-008605 Hamilton, Jill. RECOVERIES OF WINTERING ROSEATE TERNS. *J. Field Ornithol.* 52(1):36-42. 1981. WR 183
[Amber Farm Rd., Bedford, NY 10506] *Sterna dougallii* in Guyana.

81-008606 Hand, J. L.; G. L. Hunt, Jr. and M. Warner. THERMAL STRESS AND PREDATION: INFLUENCES ON THE STRUCTURE OF A GULL COLONY AND POSSIBLY ON BREEDING DISTRIBUTIONS. *Condor* 83(3):193-203. Aug. 1981. WR 183

SHOREBIRDS, MARSHBIRDS, AND ALLIES (CONTINUED)

81-008606 CONTINUED
[Biol. Dep., Univ. Calif., Los Angeles 90024] *Larus occidentalis* in Mexico.

81-008607 Harris, M. P. AGE DETERMINATION AND FIRST BREEDING OF BRITISH PUFFINS. *Br. Birds* 74(6):246-256. June 1981. WR 183
[Inst. Terrestrial Ecol., Hill of Brathens, Banchory, Kincardineshire, Scotland AB3 4BY] *Fratercula arctica*.

81-008608 Harrison, Craig S. and D. L. Stoneburner. RADIOTELEMETRY OF THE BROWN NODDY IN HAWAII. *J. Wildl. Manage.* 45(4):1021-1025. Oct. 1981. WR 183
[U.S. Fish. & Wildl. Serv., P.O. Box 50167, Honolulu, HI 96850] *Anous stolidus*.

81-008609 Harrison, K. C. and P. A. G. Howell. UNUSUAL BEHAVIOUR OF ASIATIC WHIMBREL. *Notornis* 27(4):394-395. Dec. 1980. WR 183
[50 Athol Terrace, Christchurch 4, New Zealand] *Numenius variegatus* in New Zealand.

81-008610 Hausa, Hans. ENTWICKLUNG DER WINTERPOPULATION DER LACHMÖWE (*LARUS RIDIBUNDUS*) IN ALT-GELSENKIRCHEN. [DEVELOPMENT OF THE WINTER POPULATION OF BLACK-HEADED GULL *LARUS RIDIBUNDUS* IN ALT-GELSENKIRCHEN.] *Charadrius* 17(2):70-71. 1981. In German. WR 183
[Von-der-Recke-Straße 13, 4650 Gelsenkirchen, West Germany]

81-008611 Hawkins, J. M. GODWITS CHASING SKUA. *Notornis* 27(4):391. Dec. 1980. WR 183
[772 Atawhai Dr., Nelson, New Zealand] *Limosa lapponica* and *Catharacta* sp. in New Zealand.

81-008612 Heer, Paul de. OVERSTATUS VAN BALTISCHE KLEINE MANTELMEEUW IN NEDERLAND. [ON STATUS OF BALTIC LESSER BLACK-BACKED GULL IN NETHERLANDS.] *Dutch Birding* 3(2):55. June 1981. In Dutch with English summ. WR 183
[Hendrik Casimirstraat 160, 3136 BE Vlaardingen, Netherlands] *Larus fuscus fuscus*.

81-008613 Held, J. J. den. POPULATION CHANGES IN THE PURPLE HERON IN RELATION TO DROUGHT IN THE WINTERING AREA. *Ardea* 69(2):185-191. 1981. In English with Dutch summ. WR 183
[Heidemij-Adviesbureau Arnhem, Netherlands] *Ardea purpurea* in the Netherlands.

81-008614 Hickman, Graham C. "HUDDLING" BEHAVIOUR OF THREE HAMERKOPS. *Ostrich* 52(2):123-124. June 1981. WR 183
[Dep. Zool., Univ. Natal, Pietermaritzburg, South Africa 3200] *Scopus umbretta* in South Africa.

81-008615 Higgins, Kenneth F.; Leo M. Kirsch; Mark R. Ryan and Rochelle B. Renken. SOME ECOLOGICAL ASPECTS OF MARBLED GODWITS AND WILLETS IN NORTH DAKOTA. *Prairie Nat.* 11(4):115-118. Dec. 1979. WR 183

SHOREBIRDS, MARSHBIRDS, AND ALLIES (CONTINUED)

81-008615 CONTINUED
[U.S. Fish Wildl. Serv., Northern Prairie Wildl. Res. Cent., Jamestown, ND 58401] *Limosa fedoa* and *Catoptrophorus semipalmatus*.

81-008616 Hirsch, Katherine V.; Douglas A. Woodby and Lee B. Astheimer. GROWTH OF A NESTLING MARBLED MURRELET. *Condor* 83(3):264-265. Aug. 1981. WR 183
[Nongame Program, Minn. Dep. Nat. Resour., Box 7 Centennial Bldg., St. Paul 55155] *Brachyramphus marmoratus* in Alaska.

81-008617 Hoberg, Eric P. *PSEUDOGYMNOPHALLUS ALCAE* GEN. N. ET SP. N. (TREMATODA: GYMNOPHALLIDAE) FROM ALCIDS (CHARADRIIFORMES) IN SUBARCTIC SEAS. *Proc. Helminthol. Soc. Wash.* 48(2):190-194. July 1981. WR 183
[Coll. Forest Resour., AR-10, Univ. Wash., Seattle 98195] *Fratercula corniculata, Lunda cirrhata, Cyclorrhynchus psittacula, Aethia pusilla* and *Alca torda*.

81-008618 Horn, P. L. PROBABLE OCCURRENCE OF THE BLACK BITTERN, *DUPETOR FLAVICOLLIS* (LINNAEUS), IN NEW ZEALAND. *Notornis* 27(4):401-403. Dec. 1980. WR 183
[Poukawa, R.D. 11, Hastings, New Zealand]

81-008619 Horton, George I. and M. Keith Causey. DISPERSAL OF AMERICAN WOODCOCK IN CENTRAL ALABAMA AFTER BROOD BREAKUP. *J. Wildl. Manage.* 45(4):1058-1061. Oct. 1981. WR 183
[Dep. Zool.-Entomol. & Agric. Exp. Stn., Auburn Univ., Auburn, AL 36849] *Philohela minor*.

81-008620 Hulsman, Kees. FORAGING OF NODDIES AND TERNS AND REACTION OF THEIR PREY. *Australasian Seabird Group Newsl.* No. 14. p. 15. July 1980. Abstract only. WR 183
[School Australian Environ. Studies, Griffith Univ., Nathan, Queensland, Australia 4111] *Anous minutus* and *Sterna sumatrana*.

81-008621 Hutchins, Harry E. and Susan Nelson. FIRST FALL RECORD OF A LESSER BLACK-BACKED GULL IN MICHIGAN. *Jack-Pine Warbler* 59(2):65. June 1981. WR 183
[Dep. Forest Ecol., UMC 52, Utah State Univ., Logan 84321] *Larus fuscus*.

81-008622 IJzendoorn, Edward J. van and Jan Mulder. ATYPICAL FIRST-WINTER ICELAND GULL AT IJMUIDEN IN FEBRUARY 1981. *Dutch Birding* 3(2):56. June 1981. In English. WR 183
[3e Schinkelstraat 45, 1075 TK Amsterdam, Netherlands] *Larus glaucoides* in the Netherlands.

81-008623 IJzendoorn, Edward J. van. BAIRDS STRANDLOPER OP DE MAASVLAKTE IN SEPTEMBER 1980. [BAIRD'S SANDPIPER ON DE MAASVLAKTE IN SEPTEMBER 1980.] *Dutch Birding* 3(2):48-50. June 1981. In Dutch with English summ. WR 183
[3e Schinkelstraat 45, 1075 TK Amsterdam, Netherlands] *Calidris bairdii* in the Netherlands.

SHOREBIRDS, MARSHBIRDS, AND ALLIES (CONTINUED)

81-008624 Inouye, Motonori. A HISTORICAL REVIEW OF CONSERVATION OF RED-CROWNED CRANE (TANCHO) IN HOKKAIDO. *In Crane Research Around the World. James C. Lewis and Hiroyuki Masatomi, editors.* p. 99-101. 1981. WR 183
[Motonnopporo, Ebetsu, Hokkaido 069-01, Japan] *Grus japonensis* in Japan.

81-008625 Insley, Hugh and Lawrence Young. AUTUMN PASSAGE OF RINGED PLOVERS THROUGH SOUTHAMPTON WATER. *Ringing Migration* 3(3):157-164. July 1981. WR 183
[1 Minstead Close, Harestock, Winchester, Hampshire SO22 6HT, England] *Charadrius hiaticula*.

81-008626 Irwin, M. P. S. A MISPLACED MARABOU BREEDING LOCALITY. *Honeyguide* No. 102. p. 36. May 1980. WR 183
[Natl. Mus., Bulawayo, Zimbabwe] *Leptoptilos crumemiferus*.

81-008627 Jönsson, Paul Eric and Ola Wennberg. PRÄRIEMÅSEN *LARUS PIPIXCAN* PÅTRÄFFAD I SVERIGE. [TWO RECORDS OF FRANKLIN'S GULL *LARUS PIPIXCAN* IN SWEDEN.] *Vår Fågelvärld* 40(4):263-269. 1981. In Swedish with English summ. WR 183
[Ekologihuset, Helgonavägen 5, 223 62 Lund, Sweden]

81-008628 Jenkins, John. TRANS TASMAN CATTLE EGRETS. *Notornis* 28(2):102. June 1981. WR 183
Bubulcus ibis.

81-008629 Joarnt, Richard. LOUISIANA HERON AT SHERBURNE NWR. *Loon* 53(3):171. 1981. WR 183
[Sherburne Natl. Wildl. Refuge, Zimmerman, MN 55398] *Hydranassa tricolor* in Minnesota.

81-008630 Jones, Alan. THE EFFECTS OF WEATHER ON A CASPIAN TERN COLONY. *Notornis* 27(4):405-406. Dec. 1980. WR 183
[34 Buffalo Beach Rd., Whitianga, New Zealand] *Hydroprogne caspia* in New Zealand.

81-008631 Joon-Young Kwak; Tae-Hoe Koo and Pyong-Oh Won. [ECOLOGICAL STUDIES OF ENDANGERED BIRDS AND THEIR CONSERVATION IN KOREA. (III). BREEDING ECOLOGY OF THE WHITE STORK, *CICONIA BOYCIANA* SWINHOE IN KOREA.] *Bull. Korean Assoc. Conserv. Nat. Ser.* 2:105-117. 1980. In Korean with English summ. WR 183
[Inst. Ornithol., Kyung Hee Univ., Seoul 131, Korea]

81-008632 Kawamura, Nobuki. THE HOODED CRANE AT YASHIRO, YAMAGUCHI PREFECTURE, JAPAN. *In Crane Research Around the World. James C. Lewis and Hiroyuki Masatomi, editors.* p. 244-249. 1981. WR 183
[3274-1 Mitsui, Hikari, Yamaguchi Prefecture 743, Japan] *Grus monacha*.

81-008633 Keenan, William J. III. GREEN HERON FISHING WITH MAYFLIES. *Chat* 45(2):41. 1981. WR 183
[3135 Millwood Ave., Columbia, SC 29205] *Butorides virescens* in South Carolina.

SHOREBIRDS, MARSHBIRDS, AND ALLIES (CONTINUED)

81-008634 Kent, Thomas H. and W. Ross Silcock. WHITE-FACED IBIS AT LAKE MANAWA. *Iowa Bird Life* 51(2):74. June 1981. WR 183
[211 Richards St., Iowa City, IA, 52240] *Plegadis chihi* in Iowa.

81-008635 Khacher, Lavkumar. CONSERVATION NEEDS OF BLACK-NECKED CRANES OF BHUTAN, ARUNACHAL PRADESH, AND LADAKH. *In Crane Research Around the World. James C. Lewis and Hiroyuki Masatomi, editors.* p. 204-211. 1981. WR 183
[World Wildl. Fund, 14, Jayant Soc., Rajkot 360 004, India] *Grus nigricollis* in India.

81-008636 Kieser, J. A. and R. Liversidge. IDENTIFICATION OF WHITE-FRONTED SAND PLOVER. *Dutch Birding* 3(3):81-84. Sept. 1981. In English. WR 183
[Glenanda Shopping Cent., Vorster Ave., Glenanda, Johannesburg 2190, South Africa]

81-008637 Kim Hon Kyu and Marie R. Oesting. CRANES IN KOREA. *In Crane Research Around the World. James C. Lewis and Hiroyuki Masatomi, editors.* p. 57-60. 1981. WR 183
[Korean Assoc. Natl. Parks, 2-97 Changjon-Dong, Mapo-ku, Seoul 121, Korea] *Grus japonensis, G. vipio* and *G. monacha.*

81-008638 King, Bernard. INLAND GROUND-NESTING BY HERRING GULLS. *Br. Birds* 74(6):264-265. June 1981. WR 183
[Gull Cry, 9 Park Rd., Newlyn, Penzance, Cornwall, England] *Larus argentatus* in England.

81-008639 King, Bernard. DOTTEREL EXCAVATING HOLLOW AND RESTING IN IT. *Br. Birds* 74(7):301. July 1981. WR 183
[Gull Cry, 9 Park Rd., Newlyn, Penzance, Cornwall, England] *Charadrius morinellus* in England.

81-008640 King, Bernard. PRESUMED ADVERTISING FLIGHT OF LITTLE BITTERN. *Br. Birds* 74(9):396. Sept. 1981. WR 183
[Gull Cry, 9 Park Rd., Penzance, Cornwall, England] *Ixobrychus minutus* in England.

81-008641 King, Bernard. FOOD OF DOTTEREL ON AUTUMN PASSAGE. *Br. Birds* 74(8):348-349. Aug. 1981. WR 183
[Gull Cry, 9 Park Rd., Newlyn Penzance, Cornwall, England] *Charadrius morinellus* in England.

81-008642 Koga, Tadamichi. WILD AND CAPTIVE CRANES IN JAPAN. *In Crane Research Around the World. James C. Lewis and Hiroyuki Masatomi, editors.* p. 50-51. 1981. WR 183
[Tokyo Zool. Park Soc., Ueno Park, Tokyo, Japan] *Grus japonensis, G. monacha, G. vipio, G. grus, G. leucogeranus, G. canadensis* and *Anthropoides virgo.*

81-008643 Konrad, Paul M. STATUS AND ECOLOGY OF WATTLED CRANE IN AFRICA. *In Crane Research Around the World. James C. Lewis and Hiroyuki Masatomi, editors.* p. 220-237. 1981. WR 183
[1226 8th St. N, Fargo, ND 58102] *Bugeranus carunculatus.*

SHOREBIRDS, MARSHBIRDS, AND ALLIES (CONTINUED)

81-008644 Kovacs, Kit M. and John P. Ryder. NEST-SITE TENACITY AND MATE FIDELITY IN FEMALE-FEMALE PAIRS OF RING-BILLED GULLS. *Auk* 98(3):625-627. July 1981. WR 183
[Dep. Biol., Lakehead Univ., Thunder Bay, Ontario P7B 5E1, Canada] *Larus delawarensis*.

81-008645 Kushlan, James A. RESOURCE USE STRATEGIES OF WADING BIRDS. *Wilson Bull.* 93(2):145-163. June 1981. WR 183
[Natl. Park Serv., South Fla. Res. Cent., P.O. Box 279, Homestead 33030]

81-008646 Kuyt, E. POPULATION STATUS, NEST SITE FIDELITY, AND BREEDING HABITAT OF WHOOPING CRANES. *In Crane Research Around the World. James C. Lewis and Hiroyuki Nasatomi, editors.* p. 119-125. 1981. WR 183
[Canadian Wildl. Serv., Dep. Environ., 9942 - 108 St., Edmonton, Alberta, Canada T5K 2J5] *Grus americana* in Canada.

81-008647 Kuyt, Ernie. CLUTCH SIZE, HATCHING SUCCESS, AND SURVIVAL OF WHOOPING CRANE CHICKS, WOOD BUFFALO NATIONAL PARK, CANADA. *In Crane Research Around the World. James C. Lewis and Hiroyuki Nasatomi, editors.* p. 126-129. 1981. WR 183
[Canadian Wildl. Serv., Dep. Environ., 9942 - 108 St., Edmonton, Alberta, Canada T5K 2J5] *Grus americana*.

81-008648 La Fond, Kenneth J. EARLY SNOWY EGRET IN ANOKA COUNTY. *Loon* 53(3):164. 1981. WR 183
[11008 Jefferson St. N.E., Blaine, MN 55434] *Leucophoyx thula* in Minnesota.

81-008649 Lambert, Anne and Brian Ratcliff. PRESENT STATUS OF THE PIPING PLOVER IN MICHIGAN. *Jack-Pine Warbler* 59(2):44-52. June 1981. WR 183
[c/o Long Point Bird Observatory, Box 160, Port Rowan, Ontario, Canada N0E 1M0] *Charadrius melodus*.

81-008650 LaRue, Chris. A FEEDING PROGRAM FOR CRANES. *A.F.A. Watchbird* 7(6):14-15. Dec. 1980/Jan. 1981. WR 183

81-008651 Larue, Chris. TECHNIQUES FOR BREEDING CRANES IN CAPTIVITY. *In Crane Research Around the World. James C. Lewis and Hiroyuki Nasatomi, editors.* p. 15-18. 1981. WR 183
[International Crane Foundation, Baraboo, WI 53913]

81-008652 Lee, David S. and Mary Kay Clark. COMMON TERNS FORAGING OVER LAND. *Chat* 45(3):73. 1981. WR 183
[N.C. State Mus., Raleigh 27611] *Sterna hirundo* in North Carolina.

81-008653 Lehtonen, Leo. KALATIIRAN *STERNA HIRUNDO* POIKASVAIHEEN SAALISTUKSESTA JA RAVINTOBIOLOGIASTA JÄRVI-SUOMESSA. [PREY AND FEEDING BIOLOGY OF COMMON TERNS *STERNA HIRUNDO* DURING DEVELOPMENT OF YOUNG IN THE FINNISH LAKE DISTRICT.] *Ornis Fenn.* 58(1):29-40. 1981. In Finnish with English summ. WR 183
[Klaukkalantie 10 D, SF-00680 Helsinki 68, Finland]

SHOREBIRDS, MARSHBIRDS, AND ALLIES (CONTINUED)

81-008654 Lewis, James C. and Hiroyuki Masatomi, editors. CRANE RESEARCH AROUND THE WORLD: PROCEEDINGS OF THE INTERNATIONAL CRANE SYMPOSIUM AT SAPPORO, JAPAN IN 1980 AND PAPERS FROM THE WORLD WORKING GROUP ON CRANES, INTERNATIONAL COUNCIL FOR BIRD PRESERVATION. *International Crane Foundation* v + 259p. 1981. Available at $15.00 from International Crane Foundation, City View Rd., Baraboo, WI 53913. WR 183
[Editorial Office, U.S. Fish & Wildl. Serv., Aylesworth Hall, Colo. State Univ., Fort Collins 80523] Individual papers listed in this issue of *Wildlife Review*.

81-008655 Lewis, Robert H.; Michael Tove and Harry E. LeGrand, Jr. RARE GULLS AT CAPE HATTERAS, N.C., INCLUDING FIRST CAROLINA RECORD OF MEW GULL. *Chat* 45(3):75-77. 1981. WR 183
[Dep. Math., Fordham Univ., Bronx, NY 10458] *Larus canus* and several other species of *Larus*.

81-008656 Lingle, Gary R. STATUS OF AMERICAN WOODCOCK IN NEBRASKA WITH NOTES ON A RECENT BREEDING RECORD. *Prairie Nat.* 13(2):47-51. June 1981. WR 183
[Northern Prairie Wildl. Res. Cent., P.O. Box 1747, Jamestown, ND 58401] *Philohela minor*.

81-008657 Littlefield, Carroll D. A PROBABLE RECORD OF INTRASPECIFIC EGG DUMPING FOR SANDHILL CRANES. *Auk* 98(3):631. July 1981. WR 183
[U.S. Fish & Wildl. Serv., Box 113, Burns, OR 97220] *Grus canadensis tabida* in Oregon.

81-008658 Littlefield, Carroll D. THE GREATER SANDHILL CRANE. *In Crane Research Around the World. James C. Lewis and Hiroyuki Nasatomi, editors.* p. 163-166. 1981. WR 183
[Malheur Natl. Wildl. Refuge, Burns, OR 97720] *Grus canadensis tabida*.

81-008659 Løfaldli, Lars. ON THE BREEDING SEASON BIOMETRICS OF THE COMMON SANDPIPER. *Ringing Migration* 3(3):133-136. July 1981. WR 183
[Dep. Anim. Ecol., Zool. Mus., Univ. Bergen N-5014, Bergen-Univ., Norway] *Actitis hypoleucos* in Norway.

81-008660 Lo, Peter L. WHITE-FACED HERON FLEDGLING WITH A DEFORMED BILL. *Notornis* 28(2):133-134. June 1981. WR 183
[Dep. Bot. & Zool., Massey Univ., Palmerston North, New Zealand] *Ardea novaehollandiae*.

81-008661 Lokemoen, John T. THE STATUS OF HERONS, EGRETS AND IBISES IN NORTH DAKOTA. *Prairie Nat.* 11(4):97-110. Dec. 1979. WR 183
[U.S. Fish Wildl. Serv., Northern Prairie Wildl. Res. Cent., Jamestown, ND 58401]

81-008662 Lovvorn, James R. and Charles M. Kirkpatrick. ROOSTING BEHAVIOR AND HABITAT OF MIGRANT GREATER SANDHILL CRANES. *J. Wildl. Manage.* 45(4):842-857. Oct. 1981. WR 183
[School Nat. Resour., Univ. Mich., Ann Arbor 48109] *Grus canadensis tabida* in Indiana.

SHOREBIRDS, MARSHBIRDS, AND ALLIES (CONTINUED)

81-008663 Lukes, Roy. PURPLE SANDPIPER AT BAILEYS HARBOR. *Passenger Pigeon* 43(2):61. 1981. WR 183
Erolia maritima in Wisconsin.

81-008664 Mace, Terrence Rowley. CAUSATION, FUNCTION, AND VARIATION OF THE VOCALIZATIONS OF THE NORTHERN JACANA, *JACANA SPINOSA*. *Ph.D. dissertation, Univ. Mont.* 274p. 1981. From Diss. Abstr. Int. B. Sci. Eng. 42(3):937. Sept. 1981. WR 183

81-008665 Madsen, Karen Kuhns. SEARCH FOR THE EASTERN SARUS CRANE ON LUZON, PHILIPPINES. *In Crane Research Around the World. James C. Lewis and Hiroyuki Masatomi, editors.* p. 216-218. 1981. WR 183
[U.S. Peace Corps, P.O. Box 7013, M.I.A. Area 3120, Philippines] *Grus antigone sharpii.*

81-008666 Magyar, Levente. TÉLI DANKASIRÁLY MOZGÁS *LARUS RIDIBUNDUS* SZEGEDI LAKÓTELEPEN. [THE MOVEMENT OF BLACK-HEADED GULLS *LARUS RIDIBUNDUS* IN A SETTLEMENT OF SZEGED DURING THE WINTER.] *Tiscia (Szeged)* 9(suppl. 3):11. 1980. In Hungarian with English summ. WR 183

81-008667 Mahéo, Roger. IMPORTANCE DES ZONES HUMIDES LITTORALES EN RAPPORT AVEC LES EXIGENCES ÉCOLOGIQUES ET LA DISTRIBUTION DES LIMICOLES SÉJOURNANT EN FRANCE. [THE IMPORTANCE OF COASTAL WETLANDS IN RELATION TO ECOLOGICAL REQUIREMENTS AND THE DISTRIBUTION OF WADERS WINTERING IN FRANCE.] *Bull. Mens. Off. Natl. Chasse No. Spec. Sci. Tech. (Paris)* p. 175-187. Nov. 1980. In French with English summ. WR 183
[Stn. Biol. Bailleron, Séné, 5600 Vannes, France]

81-008668 Makatsch, Wolfgang. THE STATUS OF COMMON CRANE IN UPPER LUSATIA. *In Crane Research Around the World. James C. Lewis and Hiroyuki Masatomi, editors.* p. 186-187. 1981. WR 183
[Martin Hoop-Straße 43, 86 Bautzen, East Germany] *Grus grus* in East Germany.

81-008669 Makowski, Henry. COMMON CRANES IN THE GERMAN FEDERAL REPUBLIC. *In Crane Research Around the World. James C. Lewis and Hiroyuki Masatomi, editors.* p. 188. 1981. WR 183
[Voegelschultz Stn. Esbstorfer Landstraße 40, 314 Luneburg, West Germany] *Grus grus.*

81-008670 Mallalieu, M. and T. N. Hodge. YELLOW-LEGGED HERRING GULLS IN NORTH KENT. *Br. Birds* 74(8):351-353. Aug. 1981. WR 183
[14 Leamington Close, Bromley, Kent, England] *Larus argentatus* in England.

81-008671 Manolis, Tim. THE "KICKER" SONG--NEW SYNTHESIS OF AN OLD MYSTERY. *Am. Birds* 35(3):261-263. May 1981. WR 183
[DEPOB, Univ. Colo., Boulder 80309] *Rallus* spp. and *Laterallus jamaicensis.*

81-008672 Masatomi, Hiroyuki. THE RED-CROWNED CRANE. *In Crane Research Around the World. James C. Lewis and Hiroyuki Masatomi, editors.* p. 81-85. 1981. WR 183

SHOREBIRDS, MARSHBIRDS, AND ALLIES (CONTINUED)

81-008672 CONTINUED
[Hokkaido Coll., Senshu Univ., Bibai, Hokkaido, Japan] *Grus japonensis* in Japan.

81-008673 Masatomi, Hiroyuki. POPULATION OF RED-CROWNED CRANES IN HOKKAIDO. *In Crane Research Around the World. James C. Lewis and Hiroyuki Masatomi, editors.* p. 86-88. 1981. WR 183
[Hokkaido Coll., Senshu Univ., Bibai, Hokkaido 079-01, Japan] *Grus japonensis* in Japan.

81-008674 Massey, Barbara W. and Jonathan L. Atwood. SECOND-WAVE NESTING OF THE CALIFORNIA LEAST TERN: AGE COMPOSITION AND REPRODUCTIVE SUCCESS. *Auk* 98(3):596-605. July 1981. WR 183
[Dep. Ornithol., Los Angeles County Mus. Nat. Hist., Los Angeles, CA 90007] *Sterna albifrons browni* in California.

81-008675 McKay, Wallace D. NOTES ON PURPLE GALLINULES IN COLOMBIAN RICEFIELDS. *Wilson Bull.* 93(2):267-271. June 1981. WR 183
[Douglas McKay: 17 Hamilton Ave., Wheeling, WV 26003] *Porphyrula martinica.*

81-008676 McKean, J. L. THE STATUS OF GULLS AND TERNS (LARIDAE) IN THE DARWIN AREA, N. T. *Australasian Seabird Group Newsl.* No. 15. p. 11-16. July 1981. WR 183

81-008677 McKenzie, Ann and Jon Peterson. WHITE-FACED IBIS. *Loon* 53(3):165. 1981. WR 183
[1360 Nokomis Ave #11, LaCrosse, WI 54601] *Plegadis chihi* in Minnesota.

81-008678 Meeth, Piet. BAIRD'S SANDPIPER IN SÉNÉGAL IN DECEMBER 1965. *Dutch Birding* 3(2):51. June 1981. In English. WR 183
[Bramenlaan 5, 2116 BR Bentveld, Netherlands] *Calidris bairdii.*

81-008679 Meltofte, Hans; Carl Edelstam; Gunnar Granström; Johan Hammar and Christian Hjort. ROSS'S GULLS IN THE ARCTIC PACK-ICE. *Br. Birds* 74(8):316-320. Aug. 1981. WR 183
[Møllegade 23, 3tv, DK-2200 Copenhagen N, Denmark] *Rhodostethia rosea.*

81-008680 Merilä, Eino. RANTASIPIN SUKELTAVA POIKANEN TAKERTUI VESIKASVEIHIN. [A NINE-METER DIVE OF THE COMMON SANDPIPER (*TRINGA HYPOLEUCOS*).] *Aureola* 5:46. 1980. In Finnish with English summ. WR 183
The bird, at a depth of 70 cm, covered a distance of 9 m.

81-008681 Millener, P. R. THE TAXONOMIC STATUS OF EXTINCT NEW ZEALAND COOTS, *FULICA CHATHAMENSIS* SUBSPP. (AVES: RALLIDAE). *Notornis* 27(4):363-367. Dec. 1980. WR 183
[Geol. Dep., Univ. Auckland, Auckland, New Zealand]

81-008682 Miura, Jiro. RED-CROWNED CRANE IN NEMURO DISTRICT. *In Crane Research Around the World. James C. Lewis and Hiroyuki Masatomi, editors.* p. 96. 1981. WR 183

SHOREBIRDS, MARSHBIRDS, AND ALLIES (CONTINUED)

81-008682 CONTINUED
[Kenebetsu Jr. High School, Nakashibetsu, Hokkaido 088-26, Japan] *Grus japonensis* in Japan.

81-008683 Møller, Anders Pape. BREEDING CYCLE OF THE GULL-BILLED TERN *GELOCHELIDON NILOTICA* GMEL., ESPECIALLY IN RELATION TO COLONY SIZE. *Ardea* 69(2):193-198. 1981. In English with Dutch summ. WR 183
[Langelandsgade 220 St. th., DK-8200 Århus N, Denmark]

81-008684 Molnar, Gyula. BAKCSÓFIÓKÁT NEVELÖ KISKÓCSAG *EGRETTA GARZETTA*. [LITTLE EGRET *EGRETTA GARZETTA* ADMITTING NIGHT HERON *NYCTICORAX NYCTICORAX* FLEDGLING ON ITS NEST.] *Tiscia (Szeged)* 9(suppl. 3):16. 1980. In Hungarian with English summ. WR 183

81-008685 Motis, A.; A. Martinez; E. Matheu and F. Llimona. RESULTS OF THE CENSUS OF EBRO DELTA WADER POPULATION, MARCH 1979-February 1980. *Wader Study Group Bull.* No. 32. p. 40-43. Aug. 1981. WR 183
[S. Lluis 68, Barcelona-24, Spain]

81-008686 Mullié C. and Peter L. Meininger. NUMBERS, MEASUREMENTS AND STOMACH CONTENTS OF DUNLINS, LITTLE STINTS AND KENTISH PLOVERS FROM LAKE MANZALA, EGYPT. *Wader Study Group Bull.* No. 32. p. 25-29. Aug. 1981. WR 183
[Herberdsland 66, 4337 CP Middelburg, Netherlands] *Calidris alpina, C. minuta* and *Charadrius alexandrinus*.

81-008687 Mundahl, John T.; Oscar L. Johnson and Mark L. Johnson. OBSERVATIONS AT A TWENTY-EGG KILLDEER NEST. *Condor* 83(2):180-182. May 1981. WR 183
[Coll. Vet. Med., 301 Veterinary Sci. Blvd., Univ. Minn., St. Paul 55108] *Charadrius vociferus* in Minnesota.

81-008688 Murphy, Edward C.; A. M. Springer; D. G. Roseneau and M. I. Springer. POPULATION FLUCTUATIONS OF MURRES AND KITTIWAKES AT COLONIES IN NORTHWESTERN ALASKA. *Proc. Alaska Sci. Conf. (Fairbanks)* 32:96. 1981. Abstract only. WR 183
[Inst. Arctic Biol., Univ. Alaska, Fairbanks 99701] *Uria aalge, U. lomvia* and *Rissa tridactyla*.

81-008689 Myers, J. P. CROSS-SEASONAL INTERACTIONS IN THE EVOLUTION OF SANDPIPER SOCIAL SYSTEMS. *Behav. Ecol. Sociobiol.* 8(3):195-202. June 1981. WR 183
[Mus. Vertebr. Zool., Univ. Calif., Berkeley 94720] (Scolopacidae, Calidridinae).

81-008690 Neelakantan, K. K. and V. K. Sureshkumar. OCCURRENCE OF THE BLACKWINGED STILT (*HIMANTOPUS HIMANTOPUS*) IN KERALA. *J. Bombay Nat. Hist. Soc.* 77(3):510. Dec. 1980. WR 183
[Kerala Nat. Hist. Soc., Trivandrum, Kerala, India]

81-008691 Neelakantan, K. K.; K. V. Sreenivasan and V. K. Sureshkumar. THE CRAB PLOVER (*DROMAS ARDEOLA*) IN KERALA. *J. Bombay Nat. Hist. Soc.* 77(3):508. Dec. 1980. WR 183
[Kerala Nat. Hist. Soc., Trivandrum, Kerala, India]

SHOREBIRDS, MARSHBIRDS, AND ALLIES (CONTINUED)

81-008692 Neelakantan, K. K. THE BROWNWINGED TERN (*STERNA ANAETHETUS*): AN ADDITION TO THE BIRDS OF KERALA. *J. Bombay Nat. Hist. Soc.* 78(1):167-168. Apr. 1981. WR 183
[24/1337, Behind G. P. O., Trivandrum-695 001, India]

81-008693 Neufeldt, Irene A. THE HOODED CRANE IN THE USSR. *In Crane Research Around the World. James C. Lewis and Hiroyuki Masatomi, editors.* p. 239-243. 1981. WR 183
[Zool. Inst., Acad. Sci. USSR, 199164 Leningrad, USSR] *Grus monacha.*

81-008694 Neufeldt, Irene A. THE CRANES MUST LIVE. *In Crane Research Around the World. James C. Lewis and Hiroyuki Masatomi, editors.* p. 13-14. 1981. WR 183
[Zool. Inst., Acad Sci. USSR, 199164 Leningrad, USSR]

81-008695 Nishida, Satoshi. WINTERING LIFE OF CRANES IN KAGOSHIMA AND YAMAGUCHI PREFECTURES, JAPAN. *In Crane Research Around the World. James C. Lewis and Hiroyuki Masatomi, editors.* p. 52-56. 1981. WR 183
[6-12 Kamifujimatsu 2-Chome, Moji-Ku, Kitakyusya, Japan] Data for 7 spp.

81-008696 Novilla, Meliton N.; James W. Carpenter; Terry R. Spraker and Thomas K. Jeffers. PARENTAL DEVELOPMENT OF EIMERIAN COCCIDIA IN SANDHILL AND WHOOPING CRANES. *J. Protozool.* 28(2):248-255. May 1981. WR 183
[Lilly Res.Lab., Greenfield, IN 46140] *Grus canadensis* and *G. americana.*

81-008697 OAG Münster. INLAND WADER COUNTS - FIRST PROGRESS REPORT. *Wader Study Group Bull.* No. 32. p. 20-23. Aug. 1981. WR 183
[Biologische Stn. Rieselfelder, Coermuhle 181, 4400 Münster, West Germany]

81-008698 Oddie, W. E. and B. A. E. Marr. IDENTIFICATION OF SEMIPALMATED SANDPIPERS AND LITTLE STINTS IN AUTUMN. *Br. Birds* 74(9):396-398. Sept. 1981. WR 183
[74 South Hill Park, London NE3, England] *Calidris pusilla* and *C. minuta* in Ireland.

81-008699 Oliver, P. J. HERRING GULL WITH YELLOW LEGS NESTING IN LONDON. *Br. Birds* 74(8):353. Aug. 1981. WR 183
[1 Albany Court, Palmer St., London SW1, England] *Larus argentatus.*

81-008700 Oreel, Gerald J. ON BILL COLOUR OF POMARINE SKUA. *Dutch Birding* 3(3):77. Sept. 1981. In English. WR 183
[Postbus 51273, 1007 EG Amsterdam, Netherlands] *Stercorarius pomarinus.*

81-008701 Paran, Y. and P. Shluter. THE DIURNAL MASS MIGRATION OF THE LITTLE BITTERN. *Sandgrouse* No. 2. p. 108-110. 1981. WR 183
[19 Barak St., Tel Aviv, 69933, Israel] *Ixobrychus minutus* in the Middle East.

81-008702 Patten, Samuel Merrick, Jr. INTERBREEDING AND EVOLUTION IN THE *LARUS GLAUCESCENS-LARUS ARGENTATUS* COMPLEX ON THE SOUTH COAST OF ALASKA. *Ph.D. dissertation, Johns Hopkins Univ.* 250p. 1980. From Diss. Abstr. Int. B Sci. Eng. 42(3):938. Sept. 1981. WR 183

SHOREBIRDS, MARSHBIRDS, AND ALLIES (CONTINUED)

81-008703 Petersen, Wayne R.; Paul K. Donahue and Natasha Atkins. FIRST RECORD OF DUNLIN (*CALIDRIS ALPINA*) FOR PERU AND CONTINENTAL SOUTH AMERICA. *Am. Birds* 35(3):342-343. May 1981. WR 183
[22 Hutchinson Terrace, Whitman, MA 02382]

81-008704 Petersen, Wayne R. MASSACHUSETTS RALLIDAE--A SUMMARY. *Bird Observer East. Mass.* 9(4):159-173. Aug. 1981. WR 183

81-008705 Pieper, William. TWO ADULT LITTLE GULLS AT DULUTH. *Loon* 53(3):164. 1981. WR 183
[11731 Evergreen Circle, Coon Rapids, MN 55433] *Larus minutus* in Minnesota.

81-008706 Pierce, R. J. HABITATS AND FEEDING OF THE AUCKLAND ISLAND BANDED DOTTEREL (*CHARADRIUS BICINCTUS EXILIS* FALLA 1978) IN AUTUMN. *Notornis* 27(4):309-324. Dec. 1980. WR 183
[Dep. Zool., Univ. Otago, Dunedin, New Zealand]

81-008707 Pierotti, Raymond. MALE AND FEMALE PARENTAL ROLES IN THE WESTERN GULL UNDER DIFFERENT ENVIRONMENTAL CONDITIONS. *Auk* 98(3):532-549. July 1981. WR 183
[Moss Landing Lab., P.O. Box 223, Moss Landing, CA 95039] *Larus occidentalis* in California.

81-008708 Pierotti, Raymond. SPITE AND ALTRUISM IN GULLS. *Am. Nat.* 115(2):290-300. Feb. 1980. WR 183
[307 Columbia St., Santa Cruz, CA 95060] *Larus* spp.

81-008709 Pinkowski, Ben C. FURTHER NOTES ON WILSON'S PHALAROPE-AMERICAN AVOCET FEEDING ASSOCIATIONS. *J. Field Ornithol.* 52(2):147. 1981. WR 183
[Fort Berthold Coll. Cent., P.O. Box 308, New Town, ND 58763] *Steganopus tricolor* and *Recurvirostra americana* in North Dakota.

81-008710 Pitts, T. David. YELLOW RAIL SPECIMEN FROM WEST TENNESSEE. *Migrant* 52(1):18. Mar. 1981. WR 183
[Biol. Dep., Univ. Tenn., Martin 38238] *Coturnicops noveboracensis*.

81-008711 Pollard, C. J. W. A VISUAL RECORD OF CHESTNUT-BANDED SANDPLOVER AT THE VICTORIA FALLS. *Honeyguide* No. 102. p. 37. May 1980. WR 183
[Zimbabwe Police, P.O. Box 20, Victoria Falls, Zimbabwe] *Charadrius pallidus* in Zimbabwe.

81-008712 Pop, René. DIKBEKZEEKOET BIJ MONSTER IN JANUARI 1981. [BRÜNNICH'S GUILLEMOT NEAR MONSTER IN JANUARY 1981.] *Dutch Birding* 3(3):99. Sept. 1981. In Dutch with English summ. WR 183
[Jacob Gillesstraat 16, 3135 AP Vlaardingen, Netherlands] *Uria lomvia* in the Netherlands.

81-008713 Pratt, H. Douglas. THE WHITE-FACED IBIS IN HAWAII. *'Elepaio* 41(6):45-46. Dec. 1980. WR 183
[Mus. Zool., La. State Univ., Baton Rouge 70893] *Plegadis chihi*.

SHOREBIRDS, MARSHBIRDS, AND ALLIES (CONTINUED)

81-008714 Pratt, H. Douglas. A BUFF-BREASTED SANDPIPER ON KAUAI. *'Elepaio* 41(6):49. Dec. 1980. WR 183
[Mus. Zool., La. State Univ., Baton Rouge 70893] *Tryngites subruficollis* in Hawaii.

81-008715 Puttick, Gillian M. ENERGY BUDGETS OF CURLEW SANDPIPERS AT LANGEBAAN LAGOON, SOUTH AFRICA. *Estuarine Coastal Mar. Sci.* 11(2):207-215. 1980. From Ecol. Abstr. 1981/1:81L/0837. 1981. WR 183
Calidris ferruginea.

81-008716 Pyong-Oh Won. PRESENT STATUS OF THE CRANES WINTERING IN KOREA AND THEIR CONSERVATION. *Theses Collection Kyung Hee Univ. (Korea)* 10:413-421. 1980. In English with Korean summ. WR 183
[Dep. Biol., Kyung Hee Univ., Seoul 131, Korea] *Grus vipio, G. japonensis, G. monacha, G. grus lilfordi* and *Anthropoides virgo*.

81-008717 Pyong-Oh Won. STATUS AND CONSERVATION OF CRANES WINTERING IN KOREA. *In Crane Research Around the World. James C. Lewis and Hiroyuki Masatomi, editors.* p. 61-65. 1981. WR 183
[Inst. Ornithol., Kyung Hee Univ., Seoul 131, Korea] *Grus vipio, G. japonensis, G. monacha, G. g. lilfordi* and *Anthropoides virgo*.

81-008718 Rao, M. R. K. Mohan and Ch. Choudary. PNEUMOMYCOSIS IN A FLAMINGO (*PHANECOPTERIS RUBER* L.). *Indian Vet. J.* 57(9):774-775. Sept. 1980. WR 183
[Vet. Biol. Res. Inst., Hyderabad, India]

81-008719 Redman, Philip S. YELLOW-LEGGED HERRING GULLS IN FRANCE AND BRITAIN. *Br. Birds* 74(8):349-350. Aug. 1981. WR 183
[Les Quatre Vents, Cottages du Gris-Nez, Cap Gris-Nez, 62250 Marquise, France] *Larus argentatus*.

81-008720 Reed, Sylvia M. NEW ZEALAND DOTTEREL (*CHARADRIUS OBSCURUS*)--AN ENDANGERED SPECIES? *Notornis* 28(2):129-132. June 1981. WR 183
[4 Mamaku Rd., Meadowbank, Auckland 5, New Zealand] *Charadrius obscurus*.

81-008721 Rees, G. H. BLACK-TAILED GODWIT DISPLAYING OVER HEATHLAND. *Br. Birds* 74(9):398. Sept. 1981. WR 183
[16 Winch Crescent, Haverfordwest, Dyfed, Wales] *Limosa limosa* in England.

81-008722 Richardson, Susan. YELLOW-CROWNED NIGHT HERON'S NEST AT PIG'S EYE. *Loon* 53(3):171. 1981. WR 183
[1223 S. 6th St., Minneapolis, MN 55415] *Nyctanassa violacea* in Minnesota.

81-008723 Robertson, H. G. and R. D. Wooller. SEASONAL DECREASE IN THE CLUTCH SIZE OF HARTLAUB'S GULLS *LARUS HARTLAUBII* AT STRANDFONTEIN IN 1978. *Cormorant* 9(1):23-26. June 1981. WR 183
[Entomol. Dep., Rhodes Univ., Grahamstown 6140, South Africa]

SHOREBIRDS, MARSHBIRDS, AND ALLIES (CONTINUED)

81-008724 Robinson, Scott R. HEAD-SCRATCHING AND YAWNING IN BLACK SKIMMERS. *J. Field Ornithol.* 52(1):59-60. 1981. WR 183
[325 SE Alexander, Corvallis, OR 97330] *Rynchops niger.*

81-008725 Roboski, John C. and M. Keith Causey. INCIDENCE, HABITAT USE, AND CHRONOLOGY OF WOODCOCK NESTING IN ALABAMA. *J. Wildl. Manage.* 45(3):793-797. July 1981. WR 183
[Dep. Zool.-Entomol., Auburn Univ., Auburn, AL 36830] *Philohela minor.*

81-008726 Rundle, W. Dean and Leigh H. Fredrickson. MANAGING SEASONALLY FLOODED IMPOUNDMENTS FOR MIGRANT RAILS AND SHOREBIRDS. *Wildl. Soc. Bull.* 9(2):80-87. 1981. WR 183
[U.S. Fish & Wildl. Serv., Wildl. Assistance Office, Columbia, SC 29201]

81-008727 Ryttman, Hans; Håkan Tegelström and Håkan Jansson. GENETISKA UNDERSÖKNINGAR AV ARTSAMBANDET MELLAN GRÅTRUT *LARUS ARGENTATUS* OG SILLTRUT *LARUS FUSCUS*. [GENETIC STUDIES OF THE RELATIONSHIP BETWEEN HERRING GULL *LARUS ARGENTATUS* AND LESSER BLACK-BACKED GULL *LARUS FUSCUS*.] *Vår Fågelvärld* 40(4):239-248. 1981. In Swedish with English summ. WR 183
[Uppsala Univ., SLU, S-750 07 Uppsala, Sweden]

81-008728 Safriel, Uriel N. SOCIAL HIERARCHY AMONG SIBLINGS IN BROODS OF THE OYSTERCATCHER *HAEMATOPUS OSTRALEGUS*. *Behav. Ecol. Sociobiol.* 9(1):59-63. Aug. 1981. WR 183
[Dep. Zool., Hebrew Univ., Jerusalem, Israel]

81-008729 Saha, Subhendu Sekhar. BLACKNECKED CRANE IN BHUTAN AND ARUNACHAL PRADESH--A SURVEY REPORT FOR JANUARY-FEBRUARY 1978. *J. Bombay Nat. Hist. Soc.* 77(2):326-328. Aug. 1980. WR 183
[Zool. Serv. India, Indian Mus., Calcutta 700 016, India] *Grus nigricollis* in India.

81-008730 Sasaki, Motomichi and Nobuo Takagi. CHROMOSOMES IN GRUIFORMES, WITH NOTES ON THE CHROMOSOMAL DIAGNOSIS OF AVIAN SEX. *In Crane Research Around the World. James C. Lewis and Hiroyuki Masatomi, editors.* p. 19-23. 1981. WR 183
[Chromosome Res. Unit., Fac. Sci., Hokkaido Univ., Sapporo 060, Japan]

81-008731 Savaloja, Terry. YELLOW RAIL. *Birding* 13(3):80-85. June 1981. WR 183
[P.O. Box 244, Deerwood, MN 56444] *Corturnicops noveboracensis.*

81-008732 Savaloja, Terry. CALIFORNIA GULL RECORD FROM MILLE LACS LAKE. *Loon* 53(2):116-117. 1981. WR 183
[Box 244, Deerwood, MN 56444] *Larus californicus* in Minnesota.

81-008733 Schardien, Bette Jean. BEHAVIORAL ECOLOGY OF A SOUTHERN POPULATION OF KILLDEER. *Ph.D. dissertation, Miss. State Univ.* 126p. 1981. From Diss. Abstr. Int. B Sci. Eng. 42(3):939. Sept. 1981. WR 183
Charadrius vociferus in Mississippi.

81-008734 Schneider, David and Brian A. Harrington. A COMPARISON OF SHOREBIRD NUMBERS AND FOOD DENSITY AT TWO ADJACENT COASTAL LOCATIONS. *Estuaries* 4(3):267. Sept. 1981. Abstract only. WR 183
[Univ. Calif., Irvine]

SHOREBIRDS, MARSHBIRDS, AND ALLIES (CONTINUED)

81-008735 Schreiber, Elizabeth Anne and Ralph W. Schreiber. BREEDING BIOLOGY OF LAUGHING GULLS IN FLORIDA. PART II: NESTLING PARAMETERS. *J. Field Ornithol.* 51(4):340-355. 1980. WR 183
[Ornithol. Sect., Nat. Hist. Mus. Los Angeles County, 900 Exposition Blvd., Los Angeles, CA 90007] *Larus atricilla.*

81-008736 Schulenberg, Margaret B. BREEDING ECOLOGY OF THE LEAST TERN IN KANSAS. *Bios* 52(3):173. Sept. 1981. Abstract only. WR 183
Sterna albifrons athalassos.

81-008737 Scott, D. A. STATUS AND DISTRIBUTION OF CRANES IN IRAN AND SOME OBSERVATIONS IN IRAQ. *In Crane Research Around the World. James C. Lewis and Hiroyuki Masatomi, editors.* p. 70-72. 1981. WR 183
[Div. Parks & Wildl., Iran Dep. Environ., P.O. Box 1430, Tehran, Iran]

81-008738 Serrao, J. S. NIGHT HERON *NYCTICORAX NYCTICORAX* (LINNAEUS) BREEDING IN SUB-ADULT PLUMAGE. *J. Bombay Nat. Hist. Soc.* 78(1):166-167. Apr. 1981. WR 183
[c/o Bombay Nat. Hist. Soc., Hornbill House, S.B. Singh Rd., Bombay-400 623, India]

81-008739 Shannon, Peter W. SOCIAL HIERARCHY IN CHILEAN FLAMINGOS (*PHOENICOPTERUS CHILENSIS*) AT THE FORT WORTH ZOO. *Anim. Keeper's Forum* 8(8):189-194. Aug. 1981. WR 183
[Audubon Park, New Orleans, LA]

81-008740 Sharland, R. E. BLACK-HEADED AND GREY-HEADED GULLS IN WEST AFRICA. *Malimbus* 3(1):54. May 1981. WR 183
[P.O. Box 342, Kano, Nigeria] *Larus ridibundus* and *L. cirrocephalus.*

81-008741 Silcock, W. Ross. FIRST IOWA RECORD OF THAYER'S GULL. *Iowa Bird Life* 51(2):72-74. June 1981. WR 183
[RR2, Malvern, IA] *Larus thayeri.*

81-008742 Sinclair, J. C. WHITEWINGED BLACK TERNS *CHLIDONIAS LEUCOPTERUS* FORAGING AT SEA IN SOUTHERN AFRICA. *Cormorant* 9(1):42. June 1981. WR 183
[Durban Mus., P.O. Box 4085, Durban 4000, South Africa]

81-008743 Sinclair, J. C. and D. A. Turner. FIRST SIGHT RECORD OF THE ROYAL TERN *STERNA MAXIMA* IN SOUTHERN AFRICA. *Cormorant* 9(1):41. June 1981. WR 183
[Durban Mus., Box 4085, Durban 4000, South Africa]

81-008744 Skead, David M. RECOVERY DISTRIBUTION OF REDKNOBBED COOTS RINGED AT BARBERSPAN. *Ostrich* 52(2):126-128. June 1981. WR 183
[Transvaal Nat. Conserv. Div., Barberspan Ornithol. Res. Stn., Barberspan, South Africa 2765] *Fulica cristata* in South Africa.

SHOREBIRDS, MARSHBIRDS, AND ALLIES (CONTINUED)

81-008745 Skinner, N. J. and N. P. E. Langham. HUDSONIAN GODWIT IN FIJI. *Notornis* 28(2):138-139. June 1981. WR 183
[School Nat. Resour., Univ. South Pacific, P.O. Box 1168, Suva, Fiji *Limosa haemastica*.

81-008746 Smith, Fred T. H. A RETRACTION OF VICTORIAN DUNLIN RECORDS. *Aust. Bird Watcher* 9(2):43. June 1981. WR 183
[71 Cobden St., Kew, Victoria 3101, Australia] *Calidris alpina* in Australia.

81-008747 Smith, J. Lawrence. SHOREBIRDS AT BECKLEY AIRPORT. *Redstart* 48(2):67-68. Apr. 1981. WR 183
[4423 16th St. Rd., Huntington, WV 25701]

81-008748 Sonter, C. CATTLE EGRETS AT DARETON. *Aust. Birds* 15(4):77. June 1981. WR 183
[72 San Mateo Ave., Mildura, Victoria 3500, Australia] *Ardeola ibis*.

81-008749 Southern, Linda Kinkel. SEX-RELATED DIFFERENCES IN TERRITORIAL AGGRESSION BY RING-BILLED GULLS. *Auk* 98(1):179-181. Jan. 1981. WR 183
[Dep. Biol. Sci., Northern Ill. Univ., DeKalb 60115] *Larus delawarensis* in Michigan.

81-008750 Spear, Larry, BAND LOSS FROM THE WESTERN GULL ON SOUTHEAST FARALLON ISLAND. *J. Field Ornithol.* 51(4):319-328. 1980. WR 183
[4990 Shoreline Hwy., Stinson Beach, CA 94970] *Larus occidentalis*.

81-008751 Spearpoint, J. A. A LONGTAILED SKUA *STERCORARIUS LONGICAUDUS* INLAND IN THE KALAHARI GEMSBOK NATIONAL PARK, SOUTH AFRICA. *Cormorant* 9(1):45. June 1981. WR 183
[10 Potgieter St., Parsons Hill, Port Elizabeth 6001, South Africa]

81-008752 Stanley, P. I.; T. Brough; M. R. Fletcher; N. Horton and J. B. A. Rochard. THE ORIGINS OF HERRING GULLS WINTERING INLAND IN SOUTH-EAST ENGLAND. *Bird Study* 28(2):123-132. July 1981. WR 183
[MAFF, Tolworth Lab., Hook Rise South, Tolworth, Surbiton, Surrey KT6 7NF, England] *Larus argentatus*.

81-008753 Stedman, Stephen J. RECENT RECORDS AND STATUS OF THE WHIMBREL IN TENNESSEE. *Migrant* 51(4):88-89. Dec. 1980. WR 183
[2223 Tomassee Dr., Knoxville, TN 37920] *Numenius phaeopus*.

81-008754 Steffen, Galen L. POSSIBLE NESTING OF GREEN HERONS AT BURKE LAKE. *S.D. Bird Notes* 33(3):61. Sept. 1981. WR 183
[Burke, SD 57523] *Butorides virescens* in South Dakota.

81-008755 Stempniewicz, Lech. BREEDING BIOLOGY OF THE LITTLE AUK *PLAUTUS ALLE* IN THE HORNSUND REGION, SPITSBERGEN. *Acta Ornithol. (Warsaw)* 18(2):1-26. 28 Feb. 1981. In English with Polish and Russian summ. WR 183
[Dep. Anim. Ecol., Univ. Gdańsk, Czołgistów 46, 81-378 Gdynia, Poland]

SHOREBIRDS, MARSHBIRDS, AND ALLIES (CONTINUED)

81-008756 Stewart, A. G. JUVENILE GREAT SKUA EATING INSECTS. *Br. Birds* 74(9):398. Sept. 1981. WR 183
[31 St. Andrew's Ave., Prestwick, Ayrshire KA9 2DY, Scotland] *Stercorarius skua* in England.

81-008757 Storer, Robert W. THE RUFOUS-FACED CRAKE (*LATERALLUS XENOPTERUS*) AND ITS PARAGUAYAN CONGENERS. *Wilson Bull.* 93(2):137-144. June 1981. WR 183
[Mus. Zool., Univ. Mich., Ann Arbor 48109]

81-008758 Suter, Werner and Udo von Wicht. ERSTES AUFTRETEN EINER EISMÖWE *LARUS HYPERBOREUS* AM BODENSEE. [FIRST RECORD OF A GLAUCOUS GULL *LARUS HYPERBOREUS* AT LAKE CONSTANCE.] *Ornithol. Beob.* 78(1):50. Apr. 1981. In German. WR 183

81-008759 Swanberg, Per Olof. NOTES ON THE POPULATION OF COMMON CRANGE IN SCANDINAVIA AND FINLAND: A PRELIMINARY SURVEY. *In Crane Research Around the World. James C. Lewis and Hiroyuki Nasatomi, editors.* p. 184-185. 1981. WR 183
[P1 10619, S-72100 Falkoping, Sweden] *Grus grus.*

81-008760 Takahashi, Ryoji and Koichi Nakamura. ARTIFICIAL INCUBATION AND REARING OF RED-CROWNED CRANE IN KUSHIRO CRANE PARK. *In Crane Research Around the World. James C. Lewis and Hiroyuki Nasatomi, editors.* p. 97-98. 1981. WR 183
[Kushiro Crane Park, Kushiro, Hokkaido 084, Japan] *Grus japonensis* in Japan.

81-008761 Tasker, C. R. and J. A. Mills. A FUNCTIONAL ANALYSIS OF COURTSHIP FEEDING IN THE RED-BILLED GULL, *LARUS NOVAEHOLLANDIAE SCOPULINUS. Behaviour* 77(4):222-241. 1981. In English with French summ. WR 183
[Mills: Wildl. Serv., Dep. Internal Affairs, Wellington, New Zealand]

81-008762 Taylor, P. B. FIELD CHARACTERS AND HABITAT PREFERENCES OF GREAT SNIPE AND SNIPE. *Dutch Birding* 3(2):52-54. June 1981. In English. WR 183
[P.O. Box 87336, Mombasa, Kenya] *Gallinago media* and *G. gallinago* in Zambia.

81-008763 Taylor, Robert C. MIGRATION OF THE RINGED PLOVER *CHARADRIUS HIATICULA. Ornis Scand.* 11(1):30-42. 1980. WR 183
[Chew Valley School, Chew Magna, Nr. Bristol BS18 8QB, England]

81-008764 Teppen, Terry; C. Muse and S. Muse. A NEW SANDPIPER FOR SAMOA. *'Elepaio* 41(11):115. May 1981. WR 183
[725 Union St., Walla Walla, WA 99362] *Tringa* sp.

81-008765 Tessen, Daryl. A LAUGHING GULL IN MANITOWOC COUNTY. *Passenger Pigeon* 43(2):63. 1981. WR 183
Larus atricilla in Wisconsin.

81-008766 Thompson, Bruce C. and James E. Tabor. NESTING POPULATIONS AND BREEDING CHRONOLOGIES OF GULLS, TERNS, AND HERONS ON THE UPPER COLUMBIA RIVER, OREGON AND WASHINGTON. *Northwest Sci.* 55(3):209-218. Aug. 1981. WR 183
[Dep. Wildl. & Fisheries Sci., Tex. A&M Univ., College Station 77843] *Ardea herodias, Nycticorax nycticorax, Larus californicus, L. delawarensis, Sterna caspia* and *S. forsteri.*

SHOREBIRDS, MARSHBIRDS, AND ALLIES (CONTINUED)

81-008767 Thorpe, R. I. SPRING PASSAGE OF SKUAS AT HANDA. *Scott. Birds* 11(7):225-226. 1981. WR 183
Stercorarius pomarinus, S. longicaudus and *S. parasiticus* in Scotland.

81-008768 Tomer, John S. HEERMANN'S GULL: A NEW BIRD FOR OKLAHOMA. *Bull. Okla. Ornithol. Soc.* 14(3):17-20. Sept. 1981. WR 183
[5911 East 46th St., Tulsa, OK 74135] *Larus herrmanni.*

81-008769 Tree, A. J. BAR-TAILED GODWIT AT LAKE MCILWAINE--A SPECIES NEW TO ZIMBABWE. *Honeyguide* No. 102. p. 37. May 1980. WR 183
[101 Lomagundi Rd., Greencroft, Salisbury, Zimbabwe] *Limosa lapponica.*

81-008770 Tree, A. J. GREATER AND LESSER YELLOWLEGS IN SOUTHERN AFRICA. *Bokmakierie* 33(2):44-46. June 1981. WR 183
[101 Lomagund Rd., Greencroft, Salisbury, Zimbabwe] *Tringa melanoleuca* and *T. flavipes.*

81-008771 Tree, A. J. MIGRATION AS AN ECOLOGICAL ADAPTATION IN CENTRAL AFRICAN CHARADRII. *Honeyguide* No. 102. p. 16-25. May 1980. WR 183
[101 Lomagundi Rd., Greencroft, Salisbury, Zimbabwe]

81-008772 Tso-Hsin Cheng. CRANES IN CHINA. *In Crane Research Around the World. James C. Lewis and Hiroyuki Nasatomi, editors.* p. 47-48. 1981. WR 183
[Inst. Zool., Sinica Academia, Peking, China] Data for 8 spp.

81-008773 Tyler, Jack D. DUNLIN IN COMANCHE COUNTY, OKLAHOMA. *Bull. Okla. Ornithol. Soc.* 14(3):23. Sept. 1981. WR 183
[Dep. Biol., Cameron Univ., Lawton, OK 73505] *Calidris alpina.*

81-008774 Urban, Emil K. THE SUDAN CROWNED CRANE. *In Crane Research Around the World. James C. Lewis and Hiroyuki Nasatomi, editors.* p. 254. 1981. WR 183
[Dep. Biol., Augusta Coll., Augusta, GA 30904] "The Sudan crowned crane (*Balearica pavonina ceciliae*) occurs in Sudan, Ethiopia, northern Kenya, and northern Uganda."

81-008775 Valentine, Jacob M., Jr. THE MISSISSIPPI SANDHILL CRANE, 1980. *In Crane Research Around the World. James C. Lewis and Hiroyuki Nasatomi, editors.* p. 167-174. 1981. WR 183
[U.S. Fish & Wildl. Serv., 111 East Main St., Lafayette, LA 70501] *Grus canadensis pulla.*

81-008776 Van Der Ven, J. A. COMMON CRANES IN EUROPE. *In Crane Research Around the World. James C. Lewis and Hiroyuki Nasatomi, editors.* p. 181-183. 1981. WR 183
[State Forestry Serv., Nat. Conserv. Dep., P.O. Box 20020, Utrecht, Netherlands] *Grus grus.*

SHOREBIRDS, MARSHBIRDS, AND ALLIES (CONTINUED)

81-008777 Van Ee, C. A. STATUS OF THE BLUE CRANE IN SOUTH AND SOUTHWEST AFRICA. *In Crane Research Around the World. James C. Lewis and Hiroyuki Masatomi, editors.* p. 259. 1981. WR 183
[Bloemfontein Zoo, Bloemfontein, South Africa] *Anthropoides paradisea.*

81-008778 Vinicombe, Keith. YELLOW-LEGGED HERRING GULLS IN BRITAIN. *Br. Birds* 74(8):352-353. Aug. 1981. WR 183
[28 Canynge Square, Clifton, Bristol BS8 3LB, England] *Larus argentatus.*

81-008779 Viniter, Sergi V. NESTING OF THE RED-CROWNED CRANE IN THE CENTRAL AMUR REGION. *In Crane Research Around the World. James C. Lewis and Hiroyuki Masatomi, editors.* p. 74-80. 1981. WR 183
[Zool. Inst., Acad. Sci. USSR, 199164 Leningrad, USSR] *Grus japonensis.*

81-008780 Voss, Karen S. GREATER SANDHILL CRANES IN WISCONSIN. *Wis. Nat. Resour.* 5(5):26-29. Sept.-Oct. 1981. WR 183
[Wis. Dep. Nat. Resour., Madison 53702] *Grus canadensis.*

81-008781 Walkinshaw, Lawrence H. WEST AFRICAN CROWNED CRANE OBSERVATIONS. *In Crane Research Around the World. James C. Lewis and Hiroyuki Masatomi, editors.* p. 255-257. 1981. WR 183
[5230 Timberlane Rd., Lake Wales, FL 33853] *Balearica p. pavonina* in Nigeria.

81-008782 Walkinshaw, Lawrence H. CRANES OF THE WORLD: A PARTIAL BIBLIOGRAPHY. *In Crane Research Around the World. James C. Lewis and Hiroyuki Masatomi, editors.* p. 24-45. 1981. WR 183

81-008783 Walkinshaw, Lawrence H. THE SANDHILL CRANES. *In Crane Research Around the World. James C. Lewis and Hiroyuki Masatomi, editors.* p. 151-162. 1981. WR 183
[5230 Timberline Rd., Lake Wales, FL 33853] *Grus canadensis* -- data for 6 sspp.

81-008784 Whinray, J. S. A DISCREDITED EARLY AUSTRALIAN BREEDING RECORD OF THE WHITE-FRONTED TERN. *Aust. Bird Watcher* 9(2):41-43. June 1981. WR 183
[Flinders Island, Tasmania 7255, Australia] *Sterna striata.*

81-008785 Wilkie, Andrew O. M. INCUBATION RHYTHM AND BEHAVIOUR OF A DOTTEREL *CHARADRIUS MORINELLUS* NESTING IN NORWAY. *Ornis Fenn.* 58(1):11-20. 1981. In English with Finnish summ. WR 183
[Merton Coll., Oxford OX1 4JD, England]

81-008786 Williams, Lovett E., Jr. CAPTURING AND MARKING SANDHILL CRANES. *In Crane Research Around the World. James C. Lewis and Hiroyuki Masatomi, editors.* p. 175-179. 1981. WR 183
[Fla. Game & Fresh Water Fish Comm., Gainesville 32601] *Grus canadensis* in Florida.

81-008787 Williams, Morris D. DESCRIPTION OF THE NEST AND EGGS OF THE PERUVIAN THICK-KNEE (*BURHINUS SUPERCILIARIS*). *Condor* 83(2):183-184. May 1981. WR 183
[Mus. Zool., La. State Univ., Baton Rouge 70893]

SHOREBIRDS, MARSHBIRDS, AND ALLIES (CONTINUED)

81-008788 Wilson, Barbara L. WHIMBREL IN SOUTHWEST IOWA. *Iowa Bird Life* 51(3):105-106. Sept. 1981. WR 183
[Rt. 1, Box 41, Hastings, IA 51550] *Numenius phaeopus.*

81-008789 Winkler, Raffael. DER SCHWEIZER "POLARMÖWEN"-BELEG ERWEIST SICH ALS EISMÖWE *LARUS HYPERBOREUS.* [THE SWISS "POLAR GULLS" ARE DETERMINED TO BE GLAUCOUS GULL *LARUS HYPERBOREUS.*] *Ornithol. Beob.* 78(1):50-51. Apr. 1981. In German. WR 183
[Naturhist. Mus., Basel, Switzerland]

81-008790 Wooller, R. D. SEASONAL, DIURNAL AND AREA DIFFERENCE IN CALLING ACTIVITY WITHIN IN A COLONY OF KITTIWAKES *RISSA TRIDACTYLA* (L.). *Z. Tierpsychol.* 51(4):329-336. Dec. 1979. In English with German summ. WR 183
[School Environ. & Life Sci., Murdoch Univ., Western Australia, Australia 6153]

81-008791 Wooller, Ron. EGG LAYING IN SILVER GULLS. *Australasian Seabird Group Newsl.* No. 14. p. 14-15. July 1980. Abstract only. WR 183
[School Environ. & Life Sci., Murdoch Univ., Murdoch, Western Australia, Australia 6150] *Larus novaehollandiae* in Australia.

81-008792 Yi-Ching Ma. THE ANNUAL CYCLE OF RED-CROWNED CRANE. *In Crane Research Around the World. James C. Lewis and Hiroyuki Masatomi, editors.* p. 94-95. 1981. WR 183
[Inst. Nat. Resour., Harbin Botanical Gardens, Harbin, China] *Grus japonensis* in China.

81-008793 Zonfrillo, B. HOLARCTIC AND NEARCTIC SANDPIPERS. *Bull. Br. Ornithol. Club* 101(2):311-312. June 1981. WR 183
[28 Brodie Rd., Glasgow G21 3SB, Scotland]

SEABIRDS AND ALLIES

81-008794 Ainley, David G.; Daniel W. Anderson and Paul R. Kelly. FEEDING ECOLOGY OF MARINE CORMORANTS IN SOUTHWESTERN NORTH AMERICA. *Condor* 83(2):120-131. May 1981. WR 183
[Point Reyes Bird Observatory, 4990 State Rt. 1, Stinson Beach, CA 94970] The diets of Pelagic, Brandt's and Double-crested cormorants (*Phalacrocorax pelagicus, P. penicillatus* and *P. auritus*) were compared.--From abstr.

81-008795 Bartlett, Michael. A GREAT CORMORANT *PHALACROCORAX CARBO*, IN THE DARWIN AREA, N.T. *Aust. Bird Watcher* 9(1):27. Mar. 1981. WR 183
[Evangelisches Krankenhaus, 5420 Melle, West Germany]

81-008796 Berdan, Frank and Kathi Berdan. A WINTER CORMORANT RECORD. *Loon* 53(2):112. 1981. WR 183
[1006 Linwood Ave., St. Paul, MN 55105] *Phalacrocorax auritus* in Minnesota.

81-008797 Berruti, A. DISPLAYS OF THE SOOTY ALBATROSSES *PHOEBETRIA FUSCA* and *P. PALPEBRATA*. *Ostrich* 52(2):98-103. June 1981. WR 183
[Percy FitzPatrick Inst., Univ. Cape Town, Rondebosch, South Africa 7700]

SEABIRDS AND ALLIES (CONTINUED)

81-008798 Bourne, W. R. P. THE GADFLY PETREL SKULL AND DIVING PETRELS FROM MACQUARIE ISLAND. *Notornis* 28(2):142-143. June 1981. WR 183
[Zool. Dep., Aberdeen Univ., Tillydrone Ave., Aberdeen, Scotland] *Pterodroma* spp., *Pelecanoides* spp. and *Macronectes* spp.

81-008799 Brooke, R. K. and G. Avery. SOUTHERN AFRICAN RECORDS OF THE KERGUELEN PETREL *PTERODROMA BREVIROSTRIS*. *Cormorant* 9(1):27-29. June 1981. WR 183
[Percy FitzPatrick Inst. Afr. Ornithol., Univ. Cape Town, Rondebosch 7700, South Africa]

81-008800 Brooke, R. K. MODES OF MOULT OF FLIGHT FEATHERS IN ALBATROSSES. *Cormorant* 9(1):13-18. June 1981. WR 183
[Percy FitzPatrick Inst. Afr. Ornithol., Univ. Cape Town, Rondebosch 7700, South Africa] *Diomedea* spp.

81-008801 Brooke, R. K.; J. Cooper and J. C. Sinclair. ADDITIONAL RECORDS OF SEABIRDS ON THE COAST OF SOUTHERN MOZAMBIQUE. *Cormorant* 9(1):30-40. June 1981. WR 183
[Percy FitzPatrick Inst. Afr. Ornithol., Univ. Cape Town, Rondebosch 7700, South Africa]

81-008802 Brothers, N. P. OBSERVATIONS OF BREEDING SUCCESS IN WHITE-FACED STORM-PETREL AT A NEWLY ESTABLISHED COLONY. *Corella* 5(2):29-33. June 1981. WR 183
[Natl. Parks & Wildl. Serv., P.O. Box 210, Sandy Bay, Tasmania 7005, Australia] *Pelagodroma marina* in Australia.

81-008803 Burton, Jean. L'ALIMENTATION ESTIVALE DU FOU DE BASSAN (*SULA BASSANA* L.) AU ROCHER AUX OISEAUX, ÎLES-DE-LA-MADELEINE, QUÉBEC. [SUMMER FEEDING OF THE GANNET *SULA BASSANA* ON BIRD ROCK, MAGDALEN ISLANDS, QUEBEC.] *Nat. Can. (Que.)* 107(4):289-291. 1980. In French with English summ. WR 183
[Cent. Rech. Écol. Montréal, Univ. Montréal, C.P. 6128, Stn. A, Montréal, Québec, Canada H3C 3J7]

81-008804 Byrd, G. Vernon and C. Fred Zeillemaker. SEABIRDS OF KILAUEA POINT, KAUAI ISLAND, HAWAII. *'Elepaio* 41(8):67-70. Feb. 1981. WR 183
[Aladdin Rt. Box 160E, Colville, WA 99114]

81-008805 Byrd, G. Vernon. BROWN BOOBY CAPITILIZES ON KLEPTOPARISITISM OF GREAT FRIGATEBIRD. *'Elepaio* 41(6):52. Dec. 1980. WR 183
[Aladdin Rt. Box 160E, Colville, WA 99114] *Sula leucogaster*, *Fregata minor* and *Sula sula*.

81-008806 Cadée, G. C. SEABIRD OBSERVATIONS BETWEEN ROTTERDAM AND THE EQUATORIAL ATLANTIC. *Ardea* 69(2):211-216. 1981. In English with Dutch summ. WR 183
[Netherlands Inst. Sea Res., Texel, Netherlands]

81-008807 Carter, M. J. SEA-BIRD OBSERVATIONS OFF SOUTH-EASTERN TASMANIA. *Australasian Seabird Group Newsl.* No. 15. p. 9-10. July 1981. WR 183
[30 Canadian Bay Rd., Mt. Eliza, Victoria 3930, Australia]

SEABIRDS AND ALLIES (CONTINUED)

81-008808 Cheshire, Neil and John Jenkins. SIGHTINGS OF THE PROVIDENCE PETREL *P. SOLANDRI*. *Australasian Seabird Group Newsl.* No. 15. p. 7-9. July 1981. WR 183

81-008809 Conant, Sheila. RECENT RECORDS OF THE 'UA'U (DARK-RUMPED PETREL) AND THE 'A'O (NEWELL'S SHEARWATER) IN HAWAI'I. *'Elepaio* 41(2):11-13. Aug. 1980. WR 183
[Dep. Gen. Sci., Univ. Hawaii, 2450 Campus Rd., Honolulu 96822] *Pterodroma phaeopygia sandwichensis* and *Puffinus puffinus newelli*.

81-008810 Cooper, J. and P. D. Morant. THE DESIGN OF STAINLESS STEEL FLIPPER BANDS FOR PENGUINS. *Ostrich* 52(2):119-123. June 1981. WR 183
[Percy FitzPatrick Inst. Afr. Ornithol., Univ. Cape Town, Rondebosch, South Africa 7700]

81-008811 Cooper, Wynston. GREY-BACKED STORM PETRELS AT DOUBTFUL SOUND. *Notornis* 27(4):396. Dec. 1980. WR 183
[Box 1044, Invercargill, New Zealand] *Garrodia nereis* in New Zealand.

81-008812 Crivelli, A. THE DALMATIAN PELICAN, *PELECANUS CRISPUS* BRUCH 1832, A RECENTLY WORLD-ENDANGERED BIRD SPECIES. *Biol. Conserv.* 20(4):297-310. Aug. 1981. In English with French summ. WR 183
[P.O. Box 6015, Reynolda Station, Winston-Salem, NC 27109]

81-008813 Dodson, Julian J. and Gérard J. Fitzgerald. OBSERVATIONS ON THE BREEDING BIOLOGY OF THE BOOBIES (SULIDAE) AT CLIPPERTON ISLAND, EASTERN PACIFIC. *Nat. Can. (Que.)* 107(4):259-267. 1980. In English with French summ. WR 183
[Dep. Biol., Univ. Laval, Québec, Canada G1K 7P4]

81-008814 Every, B.; L. W. Hosten and R. K. Brooke. THE BLUE PETREL *HALOBAENA CAERULEA* IN SOUTH AFRICA. *Cormorant* 9(1):19-22. June 1981. WR 183
[Box 1305, Port Elizabeth 6000, South Africa]

81-008815 Flora, Mark D. SEABIRD OBSERVATIONS IN THE SOUTHERN OCEAN SOUTH OF AFRICA, SUMMER 1975/1976. *Cormorant* 9(1):3-7. June 1981. WR 183
[South Fla. Res. Cent., Everglades Natl. Park, Homestead 33030]

81-008816 Fogarty, Michael J.; Stephen A. Nesbitt and Carter R. Gilbert. DIET OF NESTLING BROWN PELICANS IN FLORIDA. *Fla. Field Nat.* 9(3):38-40. Aug. 1981. WR 183
[1101 S.W. 30th St., Palm City, FL 33490] *Pelecanus occidentalis*.

81-008817 Furness, R. W. and S. R. Baillie. FACTORS AFFECTING CAPTURE RATE AND BIOMETRICS OF STORM PETRELS ON ST KILDA. *Ringing Migration* 3(3):137-148. July 1981. WR 183
[Zool. Dep., Glasgow Univ., Glasgow G12 8QQ, Scotland] *Hydrobates pelagicus*.

81-008818 Furness, R. W. COLONIZATION OF FOULA BY GANNETS. *Scott. Birds* 11(7):211-213. 1981. WR 183
[Zool. Dep., Glasgow Univ., Glasgow, G12 8QQ Scotland] *Sula bassana* in Scotland.

SEABIRDS AND ALLIES (CONTINUED)

81-008819 Galbraith, H.; S. Russell and R. W. Furness. MOVEMENTS AND MORTALITY OF ISLE OF MAY SHAGS AS SHOWN BY RINGING RECOVERIES. *Ringing Migration* 3(3):181-189. July 1981. WR 183
[96 Neilston Rd., Paisley, Strathclyde, Scotland] *Phalacrocorax aristotelis*.

81-008820 Griffiths, A. M. EUROPEAN STORMPETRELS *HYDROBATES PELAGICUS* FEEDING BY DIVING OFF SOUTH AFRICA. *Cormorant* 9(1):47. June 1981. WR 183
[Percy FitzPatrick Inst. Afr. Ornithol., Univ. Cape Town, Rondebosch 7700, South Africa]

81-008821 Groscolas, Rene and Adrien Rodriquez. GLUCOSE METABOLISM IN FED AND FASTED EMPEROR PENGUINS (*APTENODYTES FORSTERI*). *Comp. Biochem. Physiol. A Comp. Physiol.* 70(2):191-198. 1981. WR 183
[Lab. Physiol. Anim. Nutrition, U.E.R. Nutrition, Fac. Sci. Mirande, B. P. 138, 21004 Dijon Cedex, France]

81-008822 Harcourt, Sylvia A. REPORT ON A CENSUS OF THE FLIGHTLESS CORMORANT AND GALAPAGOS PENGUIN. *Not. Galapagos* No. 32. p. 7-11. 1980. WR 183
Nannopterum harrisi and *Spheniscus mendiculus*.

81-008823 Harrison, Craig S. and Thomas S. Hida. THE STATUS OF SEABIRD RESEARCH IN THE NORTHWESTERN HAWAIIAN ISLANDS. *In Proceedings of the Symposium on Status of Resource Investigations in the Northwestern Hawaiian Islands. 24-25 Apr. 1980. Univ. Hawaii, Honolulu.* p. 17-31. Aug. 1980. WR 183
[U.S. Fish & Wildl. Serv., P.O. Box 50167, Honolulu, HI 96850]

81-008824 Hockey, P. A. R. DARTER *ANHINGA MELANOGASTER* FORAGING AT SEA IN SOUTHERN AFRICA. *Cormorant* 9(1):44. June 1981. WR 183
[Percy Fitzpatrick Inst. Afr. Ornithol., Univ. Cape Town, Rondebosch 7700, South Africa]

81-008825 Hockey, P. A. R. and J. Hallinan. EFFECT OF HUMAN DISTURBANCE ON THE BREEDING BEHAVIOUR OF JACKASS PENGUINS *SPHENISCUS DEMERSUS*. *S. Afr. J. Wildl. Res.* 11(2):59-62. 1981. In English with Afrikaans summ. WR 183
[FitzPatrick Inst., Univ. Cape Town, Rondebosch 7700, South Africa]

81-008826 Hoffman, Wayne; Dennis Heinemann and John A. Wiens. THE ECOLOGY OF SEABIRD FEEDING FLOCKS IN ALASKA. *Auk* 98(3):437-456. July 1981. WR 183
[Biol. Dep., Univ. South Fla., Tampa 33620]

81-008827 Imber, M. J. and R. J. Nilsson. SOUTH GEORGIAN DIVING PETRELS (*PELECANOIDES GEORGICUS*) BREEDING ON CODFISH ISLAND. *Notornis* 27(4):325-330. Dec. 1980. WR 183
[Wildl. Serv., Dep. Internal Affairs, Private Bag, Dunedin, New Zealand]

81-008828 Jenkins, John. KERMADEC STORM PETREL. *Notornis* 28(2):138. June 1981. WR 183
Pelagodroma marina albiclunis.

SEABIRDS AND ALLIES (CONTINUED)

81-008829 Jenkins, John. BIRDS SEEN AT SEA AROUND NEW ZEALAND DURING THE 1978 BAAS EXPEDITION. *Australasian Seabird Group Newsl.* No. 16. p. 3-16. Oct. 1981. WR 183

81-008830 Klapste, Jaroslav. NOTES ON THE BLACK-WINGED PETREL *PTERODROMA NIGRIPENNIS*. *Aust. Bird Watcher* 9(2):35-40. June 1981. WR 183
[6/15 Southey St., Elwood, Victoria 3184, Australia]

81-008831 Koonz, William. WHITE PELICANS AT A NUISANCE GROUNDS. *Blue Jay* 39(2):102-103. June 1981. WR 183
[1495 St. James St., Winnipeg, Manitoba R3H 0W9, Canada] *Pelecanus erythrorhynchus* in Canada.

81-008832 Latham, P. C. M. YELLOW-NOSED MOLLYMAWKS IN THE BAY OF PLENTY. *Notornis* 27(4):393-394. Dec. 1980. WR 183
[c/o Papamoa Beach, P.O. via Te Puke, Bay of Plenty, New Zealand] *Diomedea chlororhynchos* in New Zealand.

81-008833 Macdonald, M. A. THE WINTER ATTENDANCE OF FULMARS AT LAND IN NE SCOTLAND. *Ornis Scand.* 11(1):23-29. 1980. WR 183
[Culterty Field Stn., Newburgh, Aberdeenshire, Scotland] *Fulmarus glacialis*.

81-008834 Miskelly, Colin. BROWN BOOBIES IN NEW ZEALAND. *Notornis* 27(4):395. Dec. 1980. WR 183
[3 Castleton Dr., Howick, New Zealand] *Sula leucogaster*.

81-008835 Miskelly, Colin and R. W. Benfell. UNUSUAL WANDERING OF A SPOTTED SHAG. *Notornis* 28(2):134-135. June 1981. WR 183
[3 Castleton Dr., Howick, Auckland, New Zealand] *Stictocarbo punctatus punctatus* in New Zealand.

81-008836 Murray, S. A COUNT OF GANNETS ON BORERAY, ST KILDA. *Scott. Birds* 11(2):205-211. 1981. WR 183
[Pittenkerrie Cottage, Glassel, Banchory, Kincardineshire, Scotland] *Sula bassana* in Scotland.

81-008837 Pettit, Ted N. RIFLE RANGE IMPACTS ON RED FOOTED BOOBIES. *'Elepaio* 41(3):22-23. Sept. 1980. WR 183
Sula sula in Hawaii.

81-008838 Preston, K. FEEDING BEHAVIOUR OF CORMORANTS. *Br. Birds* 74(8):348. Aug. 1981. WR 183
[The Rennies, Boreenmanna Rd., Cork, Ireland] *Phalacrocorax carbo*.

81-008839 Prince, P. A.; C. Ricketts and G. Thomas. WEIGHT LOSS IN INCUBATING ALBATROSSES AND ITS IMPLICATIONS FOR THEIR ENERGY AND FOOD REQUIREMENTS. *Condor* 83(3):238-242. Aug. 1981. WR 183
[British Antarctic Surv., Nat. Environ. Res. Council, Madingley Rd., Cambridge CB3 0ET, England] *Diomedea melanophris* and *D. chrysostomas* in Antarctica.

81-008840 Purchase, D. GIANT PETREL RECORDS FROM FIJI. *Notornis* 27(4):406-407. Dec. 1980. WR 183
[Div. Wildl. Res., CSIRO, P.O. Box 84, Lyneham, A.C.T., 2602 Australia] *Macronectes* spp.

SEABIRDS AND ALLIES (CONTINUED)

81-008841 Randall, R. M.; B. M. Randall and E. W. Klingelhoeffer. SPECIES DIVERSITY AND SIZE RANGES OF CEPHALOPODS IN THE DIET OF JACKASS PENGUINS FROM ALGOA BAY, SOUTH AFRICA. *S. Afr. J. Zool.* 16(3):163-166. 1981. In English with Afrikaans summ. WR 183
[Dep. Zool., Univ. Port Elizabeth, P.O. Box 1600, Port Elizabeth 6000, South Africa] *Spheniscus demersus*.

81-008842 Reilly, P. N. and J. M. Cullen. TWELVE YEARS OF LITTLE PENGUINS. *Australasian Seabird Group Newsl.* No. 14. p. 14. July 1980. Abstract only. WR 183
Eudyptula minor in Australia.

81-008843 Ricketts, C. and P. A. Prince. COMPARISON OF GROWTH OF ALBATROSSES. *Ornis Scand.* 12(2):120-124. Aug. 1981. WR 183
[British Antarctic Surv., Nat. Environ. Res. Council, Madingley Rd., Cambridge CB3 0ET, England] *Diomedea melanophris* and *D. chrysostoma*.

81-008844 Ristow, Dietrich and Michael Wink. SEXUAL DIMORPHISM OF CORY'S SHEARWATER. *Il-Merill* No. 21. p. 9-12. Jan.-Dec. 1980. WR 183
Calonectris d. diomedea.

81-008845 Robertson, C. J. R. ALBATROSSES OF AUSTRALASIA. *Australasian Seabird Group Newsl.* No. 14. p. 19. July 1980. Abstract only. WR 183
Diomedea spp. in Australia, New Zealand and Papua New Guinea.

81-008846 Robertson, Chris and John Jenkins. BIRDS SEEN AT SEA IN SOUTHERN NEW ZEALAND WATERS, FEBRUARY-JUNE 1981. *Australasian Seabird Group Newsl.* No. 16. p. 17-27. Oct. 1981. WR 183

81-008847 Ryan, Brendan. RED-TAILED TROPIC BIRD (R 39) AT KOMMETJIE, CAPE PENINSULA. *Witwatersrand Bird Club News* No. 111. p. 9. Dec. 1980. WR 183
Phaethon rubricauda in South Africa.

81-008848 Salomonssen, Finn. ORNITHOLOGICAL AND ECOLOGICAL STUDIES IN S.W. GREENLAND (59°46'-62°27'N. lat). *Medd. Grønl.* 204(6):1-214. 1979. From Ecol. Abstr. 1981/2:81L/2357. 1981. WR 183

81-008849 Schulmeister, Robert P. UNUSUAL FEEDING BEHAVIOR OF A BROWN BOOBY. *'Elepaio* 41(6):52. Dec. 1980. WR 183
[U.S. Fish & Wildl. Serv., P.O. Box 87, Kilauea, Kauai, HI 96754] *Sula leucogaster* in Hawaii.

81-008850 Scolaro, J. A.; J. O. Ares; E. Alessandria; S. Estecondo; C. Ghersa; M. Gomez; M. Hoffmeyer; M. S. Orozco Storni; A. Perez and J. Zavatti. EL PINGUINO DE MAGALLANES (*SPHENISCUS MAGELLANICUS*). VIII. ASPECTOS DE LA DINAMICA DE SU POBLACION EN PUNTA TOMBO, CHUBUT. [THE MAGELLANIC PENGUIN (*SPHENISCUS MAGELLANICUS*). VIII. ASPECTS OF THEIR POPULATION DYNAMICS IN PUNTA TOMBO, CHUBUT.] *Hist. Nat. (Mendoza)* 2(2):5-20. 1981. In Spanish with English summ. WR 183
[CONICET, 28 de Julio 28, 9120 Puerto Madryn, Chubut, Argentina]

81-008851 Scolaro, Jose Alejandro; Martin A. Hall; Isaias M. Ximenez and Ors Kovacs. EL PINGÜINO DE MAGALLANES (*SPHENISCUS MAGELLANICUS*). II. BIOLOGIA Y DESARROLLO DE LA INCUBACION EN LA COLONIA DE PUNTA TOMBO,

SEABIRDS AND ALLIES (CONTINUED)

81-008851 CONTINUED CHUBUT, ARGENTINA. [THE MAGELLANIC PENGUIN (*SPHENISCUS MAGELLANICUS*). II. BIOLOGY AND INCUBATION DEVELOPMENT IN PUNTA TOMBO'S COLONY, CHUBUT, ARGENTINA.] *Rev. Mus. Argent. Cienc. Nat. "Bernandino Rivadavia" Ecol.* 2(5):103-110. Jan. 1980. In Spanish with English summ. WR 183
[Cent. Nacl. Patagónico, CONICET, Puerto Madryn, Chubut, Argentina]

81-008852 Scolaro, Jose Alejandro; Martin A. Hall; Isaias M. Ximenez and Ors Kovacs. EL PINGÜINO DE MAGALLANES (*SPHENISCUS MAGELLANICUS*). I. EVALUACION Y ESTRATIFICACION DE DENSIDADES DE SU POBLACION EN PUNTO TOMBO, CHUBUT, ARGENTINA. [THE MAGELLANIC PENGUIN (*SPHENISCUS MAGELLANICUS*). I. EVALUATION AND STRATIFICATION IN POPULATION DENSITIES AT PUNTA TOMBO, CHUBUT, ARGENTINA.] *Rev. Mus. Argent. Cienc. Nat. "Bernandino Rivadavia" Ecol.* 2(4):89-102. Dec. 1979. In Spanish with English summ. WR 183
[Cent. Nacl. Patagónico, CONICET, Puerto Madryn, Chubut, Argentina]

81-008853 Secker, H. L. CHANGING STATUS OF AUSTRALASIAN GANNET ON WELLINGTON HARBOUR NEW ZEALAND. *Australasian Seabird Group Newsl.* No. 16. p. 28-29. Oct. 1981. WR 183
Sula serrator.

81-008854 Siegel-Causey, Douglas and George L. Hunt, Jr. COLONIAL DEFENSE BEHAVIOR IN DOUBLE-CRESTED AND PELAGIC CORMORANTS. *Auk* 98(3):522-531. July 1981. WR 183
[Dep. Ecol. & Evol. Biol., Univ. Ariz., Tucson 85721] *Phalacrocorax pelagicus* and *P. auritus* in Canada.

81-008855 Simons, Theodore R. BEHAVIOR AND ATTENDANCE PATTERNS OF THE FORK-TAILED STORM-PETREL. *Auk* 98(1):145-158. Jan. 1981. WR 183
[Wildl. Sci. Group, Coll. For. Resour., Univ. Wash., Seattle 98195] *Oceanodroma furcata* in Alaska.

81-008856 Tarburton, M. K. MOLLYMAWK EATS DIVING PETREL. *Notornis* 27(4):330. Dec. 1980. WR 183
Diomedea chrysostoma and *Pelecanoides urinatrix* in New Zealand.

81-008857 Tarburton, M. K. INTEGRITY OF DIAGNOSTIC CHARACTERS FOR HUTTON'S SHEARWATER. *Notornis* 28(2):134. June 1981. WR 183
Puffinus huttoni.

81-008858 Tucker, V. R. WILSON'S PETREL IN CORNWALL. *Br. Birds* 74(7):299-301. July 1981. WR 183
[Periglis, 4 Clovelly View, Turnchapel, Plymouth, England] *Oceanites oceanicus* in England.

81-008859 Veitch, C. R. SEABIRDS FOUND DEAD IN NEW ZEALAND IN 1970, 1971 AND 1972. *Notornis* 27(4):369-385. Dec. 1980. WR 183
[Wildl. Serv., Dep. Internal Affairs, P.O. Box 2220, Auckland, New Zealand]

81-008860 Volkman, Nicholas J. and Wayne Trivelpiece. NEST-SITE SELECTION AMONG ADÉLIE, CHINSTRAP AND GENTOO PENGUINS IN MIXED SPECIES ROOKERIES. *Wilson Bull.* 93(2):243-248. June 1981. WR 183

SEABIRDS AND ALLIES (CONTINUED)

81-008860 CONTINUED
[Box 1507, Sedona, AZ 86336] *Pygoscelis adeliae, P. antarctica* and *P. papua.*

81-008861 Waldron, Martha. ANHINGA NESTING AT BIG HILL POND, MCNAIRY CO. *Migrant* 51(4):86. Dec. 1980. WR 183
[1626 Yorkshire Dr., Memphis, TN 38119] *Anhinga anhinga* in Tennessee.

81-008862 Williams, A. J. GROWTH AND SURVIVAL OF ARTIFICIALLY TWINNED ROCKHOPPER PENGUIN CHICKS. *Cormorant* 9(1):8-12. June 1981. WR 183
[Percy FitzPatrick Inst. Afr. Ornithol., Univ. Cape Town, Rondebosch 7700, South Africa] *Eudyptes chrysocome.*

81-008863 Williams, Anthony J. and W. Roy Siegfried. FORAGING RANGES OF KRILL-EATING PENGUINS. *Polar Record* 20(125):159-162. 1980. From Ecol. Abstr. 1981/2:81L/1601. 1981. WR 183
Pygoscelis adeliae, P. antarctica, P. papua, Eudyptes chrysolophus and *E. chrysocome.*

RAPTORS

81-008864 Švehlik, Ján and Bernd-Ulrich Meyburg. GELEGEGRÖßE UND BRUTERFOLG DES SCHREIADLERS (*AQUILA POMARINA*) UND DES KAISERADLERS (*AQUILA HELIACA*) IN DEN OSTSLOWAKISCHEN KARPATEN 1966-1978. [CLUTCH SIZE AND BREEDING SUCCESS OF THE LESSER SPOTTED EAGLE (*AQUILA POMARINA*) AND THE IMPERIAL EAGLE (*AQUILA HELIACA*) IN THE CARPATHIANS OF EASTERN SLOVAKIA 1966-1978.] *J. Ornithol.* 120(4):406-415. 1979. In German with English summ. WR 183
[Vojenská 4, 040 01 Košice, Czechoslovakia]

81-008865 Adams, Ross. ENDANGERED EAGLET SURVIVES STORMS. *Ill. Audubon Bull.* No. 195. p. 24-25. 1980/81. WR 183
[Crab Orchard Natl. Wildl. Refuge, Carterville, IL 62918] *Haliaeetus leucocephalus* in Illinois.

81-008866 Amores, F. and A. Franco. ALIMENTATION ET ÉCOLOGIE DU CIRCAÈTE JEAN-LE-BLANC DANS LE SUD D'ESPAGNE. [FOOD HABITS AND ECOLOGY OF THE SHORT-TOED EAGLE *CIRCAETUS GALLICUS* IN SOUTHERN SPAIN.] *Alauda* 49(1):59-61. Mar. 1981. In French with Spanish summ. WR 183
[Estación Biol. Doñana, Paraguay no. 1, Seville 12, Spain]

81-008867 Armitage, J. S. SHORT-EARED OWLS (*ASIO FLAMMEUS*) AT CARLTON MARSH NATURE RESERVE DURING THE WINTER OF 1978-79. *Naturalist (Leeds)* 106(957):79-80. Apr.-June 1981. WR 183
[RSPB, Northwest Regional Office, Imperial House, Imperial Arcade, Huddersfield HD1 2BR, England]

81-008868 Baker-Gabb, D. J. BREEDING BEHAVIOUR AND ECOLOGY OF THE AUSTRALASIAN HARRIER (*CIRCUS APPROXIMANS*) IN THE MANAWATU-RANGITIKEI SAND COUNTRY, NEW ZEALAND. *Notornis* 28(2):103-119. June 1981. WR 183
[Dep. Zool., Monash Univ., Clayton, Victoria 3168, Australia]

RAPTORS (CONTINUED)

81-008869 Barnhurst, Bob. SAW-WHET OWL BANDING AT ILE PERROT. *Tchebec Annu. Rep. 1979* p. 94-97. 1979. WR 183
Aegolius acadicus in Canada.

81-008870 Bechard, Marc J. HISTORIC NEST RECORDS OF THE PEREGRINE FALCON IN SOUTHERN SASKATCHEWAN AND SOUTHERN MANITOBA. *Blue Jay* 39(3):182-183. Sept. 1981. WR 183
[Dep. Biol., Univ. La Verne, La Verne, CA 91750] *Falco peregrinus*.

81-008871 Benson, Patrick Charle. LARGE RAPTOR ELECTROCUTION AND POWERPOLE UTILIZATION: A STUDY IN SIX WESTERN STATES. *Ph.D. dissertation, Brigham Young Univ.* 108p. 1981. From Diss. Abstr. Int. B Sci. Eng. 42(2):524. Aug. 1981. WR 183

81-008872 Besson, Jean. HIVERNAGE D'UN AIGLE BOTTÉ *HIERAAETUS PENNATUS* DANS L'ÎLE DE PORT-CROS (VAR). [OVERWINTERING OF THE BOOTED EAGLE *HIERAAETUS PENNATUS* ON PORT CROS ISLAND.] *Alauda* 49(1):64. Mar. 1981. In French. WR 183
[Résidence Vendôme, 83400 Hyères, France]

81-008873 Bildstein, Keith L. and Frances Hamerstrom. AGE AND SEX DIFFERENCES IN THE SIZE OF NORTHERN HARRIERS. *J. Field Ornithol.* 51(4):356-360. 1980. WR 183
[Dep. Biol., Winthrop Coll., Rock Hill, SC 29733] *Circus cyaneus* in Wisconsin.

81-008874 Bird, David M. A REPORT ON PEREGRINE BREEDING IN SOUTHERN QUEBEC, 1979/80. *Tchebec Annu. Rep. 1979* p. 91-93. 1979. WR 183
Falco peregrinus in Canada.

81-008875 Bock, Walter Friedrich. ZUR SITUATION DER ROHRWEIHE (*CIRCUS AERUGINOSUS*) IN SCHLESWIG-HOLSTEIN. [ON THE STATUS OF THE MARSH HARRIER (*CIRCUS AERUGINOSUS*) IN SCHLESWIG-HOLSTEIN (WEST-GERMANY).] *J. Ornithol.* 120(4):416-430. 1979. In German with English summ. WR 183
[Sonnenfeld 32, D-8228 Freilassing, West Germany]

81-008876 Bohm, Robert T. AN INTERESTING BALD EAGLE OBSERVATON. *Loon* 53(2):116. 1981. WR 183
[1376 - 20 Highland Village Dr., Duluth, MN 55811] *Haliaeetus leucocephalus* preying on *Bucephala clangula* in Minnesota.

81-008877 Bosselmann, Frank. VERGLEICHENDE BETRACHTUNG VON UHU (*BUBO BUBO*) UND SCHLEIEREULE (*TYTO ALBA*) IN BEZUG AUF NAHRUNGSSPEKTRUM UND ÖKOSYSTEM. [COMPARATIVE OBSERVATIONS OF EAGLE OWL *BUBO BUBO* AND BARN OWL *TYTO ALBA* IN RELATION TO FEEDING HABITS AND ECOSYSTEMS.] *Charadrius* 17(2):43-48. 1981. In German. WR 183
[Lerchenweg 3, 5440 Mayen, West Germany]

81-008878 Boutinot, Serge. CAPTURE D'UN PYGARGUE À QUEUE BLANCHE *HALIAETUS ALBICILLA* DANS LA RÉGION DE SAINT-QUENTIN (AISNE). [CAPTURE OF A WHITE-TAILED EAGLE *HALIAETUS ALBICILLA* IN THE SAINT-QUENTIN REGION (AISNE).] *Alauda* 49(1):64. Mar. 1981. In French. WR 183
[Rouvroy, 02100 Saint-Quentin, France]

RAPTORS (CONTINUED)

81-008879 Brown, Duncan J. SEASONAL VARIATIONS IN THE PREY OF SOME BARN OWLS IN GWYNEDD. *Bird Study* 28(2):139-146. July 1981. WR 183
[43 Bro Enddwyn, Dyffryn Ardudwy, Gwynedd, Wales] *Tyto alba.*

81-008880 Bruijn, O. de. DE KERKUIL EN DE MENS, EEN EEUWENOUD VERBOND. [THE BARN OWL AND MAN, AN ANCIENT ALLIANCE.] *Limosa* 53(4):141-142. 1980. In Dutch. WR 183
[Morshoekweg 39, 7552 PE Hengelo, Netherlands] *Tyto alba.*

81-008881 Bruun, Bertel. THE LAPPET-FACED VULTURE IN THE MIDDLE EAST. *Sandgrouse* No. 2. p. 91-95. 1981. WR 183
[52 East 73rd St., New York, NY 10021] *Torgos tracheliotus.*

81-008882 Byrd, G. Vernon and Thomas C. Telfer. BARN OWLS PREY ON BIRDS IN HAWAII. *'Elepaio* 41(5):35-36. Nov. 1980. WR 183
Tyto alba.

81-008883 Christen, Walter. GERINGER REVIERABSTAND ZWEIER BAUMFALKENPAARE. [SMALL TERRITORY OF TWO HOBBY *FALCO SUBBUTEO* PAIRS.] *Ornithol. Beob.* 78(1):47-48. Apr. 1981. In German. WR 183
Falco subbuteo.

81-008884 Clark, William S. A MODIFIED DHO-GAZA TRAP FOR USE AT A RAPTOR BANDING STATION. *J. Wildl. Manage.* 45(4):1043-1044. Oct. 1981. WR 183
[Raptor Inf. Cent., Natl. Wildl. Federation, Washington, DC 20036]

81-008885 Clermont, Robert. THE STATEN ISLAND HAWK WATCH, FALL 1979. *Proc. Staten Island Inst. Arts Sci.* 31(1):22-24. Mar. 1981. WR 183

81-008886 Clermont, Robert. THE DISCOVERY OF THE FIRST GREAT HORNED OWL'S NEST ON STATEN ISLAND. *Proc. Staten Island Inst. Arts Sci.* 31(1):28. Mar. 1981. WR 183
Bubo virginianus in New York.

81-008887 Clermont, Robert. A BIRD FOR THE NEW YORK STATE LIST DISCOVERED ON STATEN ISLAND. *Proc. Staten Island Inst. Arts Sci.* 31(1):28-30. Mar. 1981. WR 183
Ictinia misisippiensis.

81-008888 Clunie, Fergus. NESTING SEASON OF THE FIJI GOSHAWK. *Notornis* 28(2):136-137. June 1981. WR 183
[Fiji Mus., P.O. Box 2023, Suva, Fiji] *Accipiter rufitorques.*

81-008889 Coffey, Ben B., Jr. PRAIRIE FALCON AT MEMPHIS. *Migrant* 52(1):18. Mar. 1981. WR 183
[672 N. Belvedere, Memphis, TN 38107] *Falco mexicanus* in Tennessee.

81-008890 Coleman, Brian. FEMALE KESTREL STEALING PREY FROM MALE. *Br. Birds* 74(6):263-264. June 1981. WR 183
[28 Goathland Grove, Kemplah Park, Guisborough, Cleveland, England] *Falco tinnunculus* in England.

RAPTORS (CONTINUED)

81-008891 Craib, Charles. BLACK SPARROWHAWK (R 159) IN THE TRANSVAAL. *Witwatersrand Bird Club News* No. 111. p. 3-4. Dec. 1980. WR 183
Accipiter melanoleucus in South Africa.

81-008892 Craighead, Frank C., Jr. and David P. Mindell. NESTING RAPTORS IN WESTERN WYOMING, 1947 AND 1975. *J. Wildl. Manage.* 45(4):865-872. Oct. 1981. WR 183
[Environ. Res. Inst., Moose, WY 83012]

81-008893 Daugherty, Richard. OBSERVATION OF THE CAPE EAGLE OWL (*BUBO CAPENSIS*). *Bokmakierie* 33(2):35-37. June 1981. WR 183
[43 Sterling Crescent, Durban North 4051, South Africa]

81-008894 Debus, Stephen J. S. SQUARE-TAILED KITE FLIGHT DISPLAY. *Aust. Bird Watcher* 9(1):26. Mar. 1981. WR 183
[42 Kenneth St., Longueville, New South Wales, 2066 Australia] *Lophoictinia isura* in Australia.

81-008895 Decker, Mary E. OBSERVATION OF A MISSISSIPPI KITE IN MILWAUKEE. *Passenger Pigeon* 43(2):60. 1981. WR 183
Ictinia misisippiensis in Wisconsin.

81-008896 Dring, Peter. AN INTERESTING GREAT HORNED OWL BANDING RECORD. *Ill. Audubon Bull.* No. 195. p. 33-34. 1980/81. WR 183
[Red Schoolhouse Nat. Cent., 536 N. Harlem Ave., River Forest, IL 60305] *Bubo virginianus* in Illinois.

81-008897 Ellis, David H. and Wayne H. Whaley. THREE CRESTED EAGLE RECORDS FOR GUATEMALA. *Wilson Bull.* 93(2):284-285. June 1981. WR 183
[Inst. Raptor Studies, Box 4420 OM Star Rt., Oracle, AZ 85623] *Morphnus guianensis.*

81-008898 Ericsson, Sten. TORNFALK GÖMMER BYTE. [*FALCO TINNUNCULUS*, HIDING PREY.] *Vår Fågelvärld* 40(3):218. 1981. In Swedish with English summ. WR 183
[Snögatan 17E, S-802 30 Gävle, Sweden]

81-008899 Favaloro, Norman J. THE RED GOSHAWK. *Aust. Bird Watcher* 9(2):44-53. June 1981. WR 183
[199 Deakin Ave., Mildura, Victoria 3500, Australia] *Erythrotriorchis radiatus* in Australia.

81-008900 Fennell, John F. M. AN OBSERVATION OF CARRION PREFERENCE BY THE AUSTRALASIAN HARRIER (*CIRCUS APPROXINANS GOULDI*). *Notornis* 27(4):404-405. Dec. 1980. WR 183
[224 Horndon St., Darfield, Canterbury, New Zealand] *Circus approximans gouldi* in New Zealand.

81-008901 Finnley, Dona. THE INCREDIBLE PEREGRINE--ON THE REBOUND? *Ill. Audubon Bull.* No. 195. p. 2-8. 1980/81. WR 183
[U.S. Dep. Interior, Endangered Species Program, Washington, DC 20240] *Falco peregrinus.*

RAPTORS (CONTINUED)

81-008902 Follen, Don G., Sr. and Joseph C. Haug. SAW-WHET OWL NEST IN WOOD DUCK BOX. *Passenger Pigeon* 43(2):47-48. 1981. WR 183
[Arpin, WI] *Aegolius acadicus* in Wisconsin.

81-008903 Follen, Don G., Jr. PEREGRINE IN WOOD COUNTY. *Passenger Pigeon* 43(2):63. 1981. WR 183
Falco peregrinus in Wisconsin.

81-008904 Fraser, James Dempsey. THE BREEDING BIOLOGY AND STATUS OF THE BALD EAGLE ON THE CHIPPEWA NATIONAL FOREST. *Ph.D. dissertation, Univ. Minn.* 253p. 1981. From Diss. Abstr. Int. B Sci. Eng. 42(1):8. July 1981. WR 183
Haliaeetus leucocephalus in Minnesota.

81-008905 Freidel, Jack. BARN OWLS NEST ALONG THE MISSOURI RIVER. *S.D. Bird Notes* 33(3):60. Sept. 1981. WR 183
[S. Dak. Dep. Game, Fish & Parks, Chamberlain 57325] *Tyto alba* in South Dakota.

81-008906 Grünhagen, Heinz. ZUR JAGD DES HABICHTS (*ACCIPITER GENTILIS*) AUS DEM HOHEN KREISEN. [ON THE HUNTING ACTIVITY OF THE GOSHAWK *ACCIPITER GENTILIS* IN THE HIGH COUNTRY.] *Charadrius* 17(2):68-70. 1981. In German. WR 183
[Kretenbäskesweg 22, 4150 Krefeld-Hüls, West Germany]

81-008907 Gallagher, Michael. THE SOOTY FALCON IN OMAN. *Hawk Trust Annu. Rep.* 10:34-38. 1980. WR 183
Falco concolor.

81-008908 Galloway, Bryan. MERLIN RECOVERING FLOATING PREY. *Br. Birds* 74(6):264. June 1981. WR 183
[3 Grosvenor Ct., Chapel Park, Westerhope, Newcastle upon Tyne, England NE5 1RX] *Falco columbarius* in England.

81-008909 Graber, Richard and Jean Graber. SHARP-SHINNED HAWK (*ACCIPITER STRIATUS*) NEST IN SOUTHERN ILLINOIS. *Ill. Audubon Bull.* No. 195. p. 28-31. 1980/81. WR 183
[Ill. Nat. Hist. Surv., Urbana 61801]

81-008910 Griffin, Curtice R. INTERACTIVE BEHAVIOR AMONG BALD EAGLES WINTERING IN NORTH-CENTRAL MISSOURI. *Wilson Bull.* 93(2):259-264. June 1981. WR 183
[Mo. Coop. Wildl. Res. Unit, 112 Stephens Hall, Univ. Mo., Columbia 65211] *Haliaeetus leucocephalus*.

81-008911 Grobler, J. H. NOTES ON THE REDBREASTED SPARROWHAWK IN THE MOUNTAIN ZEBRA NATIONAL PARK. *Ostrich* 52(2):124-125. June 1981. WR 183
[Mountain Zebra Natl. Park, Private Bag 66, Cradock, South Africa 5880] *Accipiter rufiventris* in South Africa.

81-008912 Grubb, Teryl G. AN ARTIFICIAL BALD EAGLE NEST STRUCTURE. *U.S. For. Serv. Res. Pap.* RM-383. 4p. 1980. From Ecol. Abstr. 1981/2:81L/2779. 1981. WR 183
Haliaeetus leucocephalus.

RAPTORS (CONTINUED)

81-008913 Hamilton, Kirk L. and Robert L. Neill. FOOD HABITS AND BIOENERGETICS OF A PAIR OF BARN OWLS AND OWLETS. *Am. Midl. Nat.* 106(1):1-9. July 1981. WR 183
[Dep. Biol., UMC 53, Utah State Univ., Logan 84322] *Tyto alba* in Texas.

81-008914 Hardy, A. R.; G. J. M. Hirons; P. I. Stanley and L. W. Huson. SEXUAL DIMORPHISM IN SIZE OF TAWNY OWLS (*STRIX ALUCO*): A METHOD FOR SEXING IN FIELD STUDIES. *Ardea* 69(2):181-184. 1981. In English with Dutch summ. WR 183
[Tolworth Lab., Hook Rise South, Tolworth, Surrey KT6 7NF, England]

81-008915 Haug, Joseph C. GOSHAWK NEST IN JUNEAU COUNTY. *Passenger Pigeon* 43(2):42-43. 1981. WR 183
[Sandhill Meadow Valley Work Unit, Box 156, Babcock, WI 54413] *Accipiter gentilis* in Wisconsin.

81-008916 Heer, Paul de. OVER LEEFTIJD VAN STEENAREND IN FLEVOLAND IN WINTER VAN 1980/81. [ON AGE OF GOLDEN EAGLE IN FLEVOLAND IN WINTER OF 1980/81.] *Dutch Birding* 3(2):46-47. June 1981. In Dutch with English summ. WR 183
[Hendrik Casimirstraat 160, 3136 BE Vlaardingen, Netherlands] *Aquila chrysaetos* in the Netherlands.

81-008917 Hess, Peter Hubert. SCHMUTZGEIER *NEOPHRON PERCNOPTERUS* IN GRAUBÜNDEN. [EGYPTIAN VULTURE *NEOPHRON PERCNOPTERUS* IN GRAUBÜNDEN [SWITZERLAND].] *Ornithol. Beob.* 78(1):47. Apr. 1981. In German. WR 183

81-008918 Hockey, P. A. R. OSPREYS *PANDION HALIAETUS* FORAGING AT SEA IN SOUTHERN AFRICA. *Cormorant* 9(1):44. June 1981. WR 183
[Percy FitzPatrick Inst. Afr. Ornithol., Univ. Cape Town, Rondebosch 7700, South Africa]

81-008919 Hudec, Karel; Vojtěch Mrlík and Zdenka Bauerová. DER TURMFALKE (*FALCO TINNUNCULUS*) IN DER STADT BRNO IM JAHR 1979. [THE KESTREL (*FALCO TINNUNCULUS*) IN THE TOWN OF BRNO IN 1979.] *Folia Zool. (Brno)* 30(1):53-58. 1981. In German with Russian and English summ. WR 183
[Inst. Vertebr. Zool., Czechoslovak Acad. Sci., Květná 8, 603 65 Brno, Czechoslovakia]

81-008920 IJzendoorn, Edward J. van. HERZIENING VAN WAARNEMINGEN VAN SLANGENAREND IN NEDERLAND. [REVIEW OF OBSERVATIONS OF SHORT-TOED EAGLE IN NETHERLANDS.] *Dutch Birding* 3(2):38-45. June 1981. In Dutch with English summ. WR 183
[3e Schinkelstraat 45, 1075 TK Amsterdam, Netherlands] *Circaetus gallicus.*

81-008921 Ittner, Ruth. UNUSUAL BEHAVIOR OF A BARRED OWL. *Chat* 45(2):45. 1981. WR 183
[Rt. 1, Box 220, Awendaw, S.C. 29429] *Strix varia* in South Carolina.

81-008922 Jälefors, Keith. SKADAD DUVHÖK. [A GOSHAWK WITH SEVERE THROAT INJURY.] *Vår Fågelvärld* 40(3):218-219. 1981. In Swedish with English summ. WR 183
[Poesigatan 16B, S-703 71 Örebro, Sweden] *Accipiter gentilis* in Sweden.

RAPTORS (CONTINUED)

81-008923 Johnson, Oscar L. SUMMER SAW-WHET OWL OBSERVATION FROM SOUTHEASTERN MINNESOTA. *Loon* 53(3):173. 1981. WR 183
[7733 Florida Circle, Brooklyn Park, MN 55445] *Aegolius acadicus.*

81-008924 Johnston, David. CRESTED HAWKS AT CURBAN. *Aust. Birds* 15(4):73. June 1981. WR 183
[Lachlan St., Baradine, New South Wales 2858, Australia] *Aviceda subcristata* in Australia.

81-008925 Jones, Carl G. THE MAURITIUS KESTREL, ITS BIOLOGY AND CONSERVATION. *Hawk Trust Annu. Rep.* 10:18-29. 1980. WR 183
Falco punctatus.

81-008926 Jong, Johan de. DE KERKUIL IN FRIESLAND. [THE BARN OWL IN FRIESLAND.] *Limosa* 53(4):142-144. 1980. In Dutch. WR 183
[M. de Boerstraat 1, 9203 RC Drachten, Netherlands] *Tyto alba.*

81-008927 Kawata, Ken. PARENTAL BEHAVIOR IN THE RED-TAILED HAWK, *BUTEO JAMAICENSIS*, IN CAPTIVITY. *Zool. Gart.* 51(2):104-118. 1981. In English. WR 183
[Tulsa Zool., 5101 E. 36th St. N., Tulsa, OK 74115]

81-008928 Kenward, R. E.; M. Marquiss and I. Newton. WHAT HAPPENS TO GOSHAWKS TRAINED FOR FALCONRY. *J. Wildl. Manage.* 45(3):802-806. July 1981. WR 183
[Inst. Terrestrial Ecol., Monks Wood Exp. Stn., Abbots Ripton, Huntingdon PE17 2LS, England]

81-008929 Kirk, John A. SWALLOW-TAILED KITE IN ALFALFA COUNTY, OKLAHOMA. *Bull. Okla. Ornithol. Soc.* 14(3):22. Sept. 1981. WR 183
[Salt Plains Natl. Wildl. Refuge, Rt. 1, Box 76, Jet, OK 73749] *Elanoides forficatus.*

81-008930 Kirkwood, James K. ENERGY AND PREY REQUIREMENTS OF THE YOUNG FREE-FLYING KESTREL. *Hawk Trust Annu. Rep.* 10:12-14. 1980. WR 183
[Dep. Anim. Husbandry, Univ. Bristol, Langford House, Langford, Bristol BS18 70U, England] *Falco tinnunculus.*

81-008931 Lawson, Roger S. and Lori A. Langston. MISSISSIPPI KITE IN DELAWARE COUNTY, OKLAHOMA. *Bull. Okla. Ornithol. Soc.* 14(3):22-23. Sept. 1981. WR 183
[1207 E. Fourth St., Stillwater, OK 74074] *Ictinia mississippiensis.*

81-008932 Leibundgut, H. ERFAHRUNGEN BEIM AUSSETZEN VON UHUS. [THE RELEASE OF EAGLE OWLS.] *Z. Jagdwiss.* 27(2):125-131. June 1981. In German with French and English summ. WR 183
Bubo bubo.

81-008933 Leshem, Josi. THE OCCURRENCE OF HUME'S TAWNY OWL IN ISRAEL AND SINAI. *Sandgrouse* No. 2. p. 100-102. 1981. WR 183
[Har Gilo Gield Study Cent., Sak Na'ul, Jerusalem, Israel] *Strix butleri.*

RAPTORS (CONTINUED)

81-008934 Leshem, Yossi. RAPTORS IN THE DESERT--PAST, PRESENT AND FUTURE. *Isr. J. Zool.* 29(4):197. 1980. Abstract only. WR 183
[Soc. Protection Nat. Israel, Tel Aviv, Israel]

81-008935 Lindberg, Peter. FÖRSÖK MED "DUBBLA ÄGGKULLAR" OCH ÄGGBYTE MELLAN SKILDA BOPLATSER FÖR PILGRIMSFALK. [EXPERIMENTS WITH DOUBLE-CLUTCHING AND EXCHANGE OF EGGS BETWEEN DIFFERENT NESTS OF PEREGRINE FALCONS *FALCO PEREGRINUS.*] *Vår Fågelvärld* 40(4):273-277. In Swedish with English summ. WR 183
[Zool. Inst., Box 25059, 400 31 Göteborg, Sweden] *Falco peregrinus.*

81-008936 Lindberg, Peter. JAKTFALK *FALCO RUSTICOLUS* OCH FJÄLLVRÅK *BUTEO LAGOPUS* HÄCKANDE I SAMMA KLIPPSTUP. [*FALCO RUSTICOLUS* AND *BUTEO LAGOPUS* BREEDING IN THE SAME CLIFF.] *Vår Fågelvärld* 40(3):217. 1981. In Swedish with English summ. WR 183
[Zool. Inst., Box 250 59, 400 31 Göteborg, Sweden]

81-008937 Lindberg, Peter. INSAMLING OCH MASKINRUVNING AV ÄGG FRÅN PILGRIMSFALK *FALCO PEREGRINUS.* [COLLECTION AND ARTIFICIAL INCUBATION OF PEREGRINE *FALCO PEREGRINUS* EGGS.] *Vår Fågelvärld* 40(5):327-340. 1981. In Swedish with English summ. WR 183
[Zool. Inst., Göteborgs Univ., Box 25059, 40031 Göteborg, Sweden]

81-008938 Loefler, Imre J. P. MARTIAL EAGLE IN TSAVO NATIONAL PARK. *EANHS (East Afr. Nat. Hist. Soc.) Bull.* p. 66-67. July-Aug. 1981. WR 183
[P.O. Box 47964, Nairobi, Kenya] *Polemaetus bellicosus* in Kenya.

81-008939 Love, John A. REINTRODUCING SEA EAGLES ON RHUM. *Hawk Trust Annu. Rep.* 10:32-33. 1980. WR 183
Haliaeetus albicilla.

81-008940 Lundberg, Arne. VOCALIZATIONS AND COURTSHIP FEEDING OF THE URAL OWL *STRIX URALENSIS. Ornis Scand.* 11(1):65-70. 1980. WR 183
[Dep. Zool., Univ. Uppsala, P.O. Box 561, S-751 22 Uppsala, Sweden]

81-008941 Lundberg, Arne. POPULATION ECOLOGY OF THE URAL OWL *STRIX URALENSIS* IN CENTRAL SWEDEN. *Ornis Scand.* 12(2):111-119. Aug. 1981. WR 183
[Dep. Zool., Univ. Uppsala, P.O. Box 561, S-751 22 Uppsala, Sweden]

81-008942 Lynch, J. Merrill. STATUS OF THE MISSISSIPPI KITE IN NORTH CAROLINA. *Chat* 45(2):42-44. 1981. WR 183
[Dep. Nat. Resour. & Community Dev., P.O. Box 27687, Raleigh, NC 27611] *Ictinia mississippiensis.*

81-008943 Mader, William John. ECOLOGY OF THE SAVANNA HAWK IN VENEZUELA. *Ph.D. dissertation, Brigham Young Univ.* 59p. 1981. From Diss. Abstr. Int. B Sci. Eng. 42(2):490. Aug. 1981. WR 183
Buteogallus meridionalis.

81-008944 Marcström, Vidar and Robert Kenward. SEXUAL AND SEASONAL VARIATION IN CONDITION AND SURVIVAL OF SWEDISH GOSHAWKS *ACCIPITER GENTILIS. Ibis* 123(3):311-327. July 1981. WR 183

RAPTORS (CONTINUED)

81-008944 CONTINUED
[Inst. Terrestrial Ecol., Monks Wood Exp. Stn., Abbots Ripton, Huntingdon, England]

81-008945 Matteson, Sumner W. and John O. Riley. DISTRIBUTION AND REPRODUCTIVE SUCCESS OF ZONE-TAILED HAWKS IN WEST TEXAS. *Wilson Bull.* 93(2):282-284. June 1981. WR 183
[Dep. Agric. Journalism & Environ. Studies, Univ. Wis., Madison 53706] *Buteo albonatus.*

81-008946 Maxson, George-Ann. GREAT GRAY OWL IN ANOKA COUNTY. *Loon* 53(3):173. 1981. WR 183
[Cedar Creek Nat. Hist. Area, 2660 Fawn Lake Dr. N.E., Bethel, MN 55005] *Strix nebulosa* in Minnesota.

81-008947 McComb, William C. and Robert E. Noble. THE EFFECT OF SCREECH OWL PRESENCE UPON RELATIVE HUMIDITY INSIDE A NEST BOX. *Ky. Warbler* 57(3):63-64. Aug. 1981. WR 183
[Dep. Forestry, Univ. Ky., Lexington 40546] *Otus asio* in Mississippi.

81-008948 McHargue, Laurie A. BLACK VULTURE NESTING, BEHAVIOR, AND GROWTH. *Auk* 98(1):182-185. Jan. 1981. WR 183
[5820 SW 38th St., Miami, FL 33155] *Coragyps atratus* in Panama.

81-008949 Mees, G. F. THE SPARROW-HAWKS (*ACCIPITER*) OF THE ANDAMAN ISLANDS. *J. Bombay Nat. Hist. Soc.* 77(3):371-412. Dec. 1980. WR 183
[Rijksmus. Nat. Hist., Leiden, Netherlands] *Accipiter virgatus, A. nisus, A. gularis, A. badius* and *A. soloensis.*

81-008950 Millard, Steve. THE PRAIRIE FALCON: MINNESOTA'S NEXT REGULAR. *Loon* 53(2):104-107. 1981. WR 183
[617 E. Cavour, Fergus Falls, MN 56537] *Falco mexicanus.*

81-008951 Millard, Steve. FERRUGINOUS HAWK, TRAVERSE COUNTY. *Loon* 53(2):115. 1981. WR 183
[617 E. Cavour, Fergus Falls, MN 56537] *Buteo regalis* in Minnesota.

81-008952 Mills, David G. H. CANNIBALISM AMONG LITTLE OWLS. *Br. Birds* 74(8):354. Aug. 1981. WR 183
[Glebe House, Bentworth, Alton, Hampshire GU34 5RA, England] *Athene noctua* in England.

81-008953 Morel, G. J. and P. W. P. Browne. LES *BUTEO* PALEARCTIQUES EN MAURITANIE ET AU SENEGAL. [THE PALEARCTIC *BUTEO* IN MAURITANIA AND SENEGAL.] *Malimbus* 3(1):2-6. May 1981. In French with English summ. WR 183
[Stn. Ornithol., B. P. 20, Richard-Toll, Sénégal] *Buteo b. buteo, B. b. vulpinus, B. r. rufinus* and *B. r. cirtensis.*

81-008954 Mueller, Helmut C.; Daniel D. Berger and George Allez. AGE, SEX, AND SEASONAL DIFFERENCES IN SIZE OF COOPER'S HAWKS. *J. Field Ornithol.* 52(2):112-126. 1981. WR 183
[Dep. Zool. & Curriculum in Ecol., Univ. N.C., Chapel Hill 27514] *Accipiter cooperii* in Wisconsin.

RAPTORS (CONTINUED)

81-008955 Nero, Robert W. and Herbert W. R. Copland. HIGH MORTALITY OF GREAT GRAY OWLS IN MANITOBA--WINTER 1980-81. *Blue Jay* 39(3):158-165. Sept. 1981. WR 183
[Wildl. Branch, P.O. Box 14, 1495 St. James St., Winnipeg, Manitoba R3H 0W9, Canada] *Strix nebulosa*.

81-008956 Newby, J. E. NOTES ON THE LANNER *FALCO BIARMICUS* FROM TENERE DESERT, WITH COMMENTS ON THE INCIDENCE OF SCORPION PREDATION BY RAPTORS. *Malimbus* 3(1):53. May 1981. WR 183
[Direction Eaux & Forets, B.P. 578, Niamey, Niger]

81-008957 Newton, I. DENSITIES AND BREEDING SUCCESS OF SPARROWHAWKS IN BRITAIN. *Limosa* 53(4):140-141. 1980. In English. WR 183
[Monks Wood Exp. Stn., Inst. Terrestrial Ecol., Abbots Ripton, Huntingdon PE17 2LS, England] *Accipiter nisus*.

81-008958 Nilsson, Sven G. DE SVENSKA ROVFÅGELBESTÅNDENS STORLEK. [THE SIZE OF THE BREEDING POPULATIONS OF DIURNAL RAPTORS IN SWEDEN.] *Vår Fågelvärld* 40(4):249-262. 1981. In Swedish with English summ. WR 183
[Zool. Inst., Box 561, S-751 22 Uppsala, Sweden]

81-008959 O'Donnell, Colin F. J. MOREPORK CALLING FREQUENCY IN NELSON. *Notornis* 27(4):397-399. Dec. 1980. WR 183
[198 Blenheim Rd., Christchurch 4, New Zealand] *Ninox novaeseelandiae novaeseelandiae* in New Zealand.

81-008960 Odom, Ron R. CURRENT STATUS AND REINTRODUCTION OF THE BALD EAGLE IN GEORGIA. *Oriole* 45(1):1-14. Mar. 1980. WR 183
[Dep. Nat. Resour., Game & Fish Div., Rt. 2, Social Circle, GA 30279] *Haliaeetus l. leucocephalus*.

81-008961 Opdam, Paul. ROOFVOGELS EN MENS: EEN GESLAAGDE COMBINATIE? [BIRDS OF PREY AND MAN: A SUCCESSFUL COMBINATION?] *Limosa* 53(4):139-140. 1980. In Dutch. WR 183
[Rijksinst. Natuurbeheer, Postbus 46, 3956 ZR Leersum, Netherlands]

81-008962 Osborne, Timothy O. ECOLOGY OF THE RED-NECKED FALCON *FALCO CHICQUERA* IN ZAMBIA. *Ibis* 123(3):289-297. July 1981. WR 183
[Alaska Dep. Fish & Game, Box 667, Petersburg 99833]

81-008963 Parker, James W. NEST ASSOCIATES OF THE MISSISSIPPI KITE. *J. Field Ornithol.* 52(2):144-145. 1981. WR 183
[Biol. Dep., State Univ. Coll., Fredonia, NY 14063] *Ictinia mississippiensis*.

81-008964 Pattee, Oliver H.; Stanley N. Wiemeyer; Bernie M. Mulhern; Louis Sileo and James W. Carpenter. EXPERIMENTAL LEAD-SHOT POISONING IN BALD EAGLES. *J. Wildl. Manage.* 45(3):806-810. July 1981. WR 183
[Patuxent Wildl. Res. Cent., Laurel, MD 20811] *Haliaeetus leucocephalus*.

RAPTORS (CONTINUED)

81-008965 Picozzi, N. FOOD, GROWTH, SURVIVAL AND SEX RATIO OF NESTLING HEN HARRIERS *CIRCUS C. CYANEUS* IN ORKNEY. *Ornis Scand.* 11(1):1-11. 1980. WR 183
[Inst. Terrestrial Ecol., Blackhall, Banchory, Kincardineshire, Scotland AB3 3PS]

81-008966 Picozzi, N. WEIGHT, WING-LENGTH AND IRIS COLOUR OF HEN HARRIERS IN ORKNEY. *Bird Study* 28(2):159-161. July 1981. WR 183
[Inst. Terrestrial Ecol., Blackhall, Banchory, Kincardineshire AB3 3PS, Scotland] *Circus cyaneus cyaneus.*

81-008967 Platt, Stephen William. PRAIRIE FALCON: ASPECTS OF POPULATION DYNAMICS, INDIVIDUAL VOCAL IDENTIFICATION, MARKING AND SEXUAL MATURITY. *Ph.D. dissertation, Brigham Young Univ.* 91p. 1981. From Diss. Abstr. Int. B Sci. Eng. 42(2):528. Aug. 1981. WR 183
Falco mexicanus.

81-008968 Porter, Richard F. AGEING AND SEXING OF ROUGH-LEGGED BUZZARDS. *Dutch Birding* 3(3):78-79. Sept. 1981. In English. WR 183
[The Lodge, Sandy, Bedfordshire SG19 2DL, England] *Buteo lagopus.*

81-008969 Rüppell, Georg. ANALYSE DES BEUTEFANGES DES FISCHADLERS (*PANDION HALIAËTUS*). [ANALYSIS OF THE PREY-CATCHING OF THE OSPREY (*PANDION HALIAËTUS*).] *J. Ornithol.* 122(3):285-305. July 1981. In German with English summ. WR 183
[Zool. Inst. Tech. Univ. Braunschweig, Pockelsstraße 10 a, D-3300 Braunschweig, West Germany]

81-008970 Raju, K. S. R. Krishna and M. R. Apparao. ON THE OCCURRENCE OF THE WHITETAILED SEA EAGLE *HALIAEETUS ALBICILLA* (LINNAEUS) AT CHILKA LAKE. *J. Bombay Nat. Hist. Soc.* 78(1):166. Apr. 1981. WR 183
[Saileru Food Products Pvt. Ltd., 11-2-5 Dasapalla Hills, Visakhapatnam-530 003, India]

81-008971 Rijnsdorp, Adriaan; Serge Daan and Cor Dijkstra. HUNTING IN THE KESTREL, *FALCO TINNUNCULUS*, AND THE ADAPTIVE SIGNIFICANCE OF DAILY HABITS. *Oecologia (Berl.)* 50(3):391-406. Sept. 1981. WR 183
[State Inst. Fisheries Res., Haringkade 1, IJmuiden, Netherlands]

81-008972 Rodebrand, Staffan. BRUNA KARRHOKEN *CIRCUS AERUGINOSUS* PÅ ÖLAND 1979. [THE MARSH HARRIER, *CIRCUS AERUGINOSUS*, ON ÖLAND, SE SWEDEN, 1979.] *Calidris* 80(1):35-38. 1980. From Ecol. Abstr. 1981/1:81L/0878. 1981. In Swedish with English summ. WR 183

81-008973 Rosenfield, Robert N. POSSIBLE TRANSPORTATION OF GREAT HORNED OWL YOUNG BY PARENT. *Inl. Bird Banding* 53(1):9. 1981. WR 183
[Coll. Nat. Resour., Univ. Wis., Stevens Point 54481] *Bubo virginianus* in Wisconsin.

81-008974 Ryan, Brendan. USE OF TAPED CALLS TO ATTRACT OWLS. *Witwatersrand Bird Club News* No. 111. p. 4-5. Dec. 1980. WR 183
Otus sp. and *Glaucidium perlatum* in South Africa.

RAPTORS (CONTINUED)

81-008975 Schenk, Ruud and Paul Schrijvershof. SLANGENAREND OP DE MAASVLAKTE IN AUGUSTUS 1981. [SHORT-TOED EAGLE ON DE MAASVLAKTE IN AUGUST 1981.] *Dutch Birding* 3(3):73-76. Sept. 1981. In Dutch with English summ. WR 183
[Vossiusstraat 134, 3132 GR Vlaardingen, Netherlands] *Circaetus gallicus* in the Netherlands.

81-008976 Schmid, Hans. WANDERFALKE *FALCO PEREGRINUS* SCHLÄGT FLEDERMAUS. [PEREGRINE *FALCO PEREGRINUS* KILLS BAT.] *Ornithol. Beob.* 78(1):47. Apr. 1981. In German. WR 183
Nyctalus noctula.

81-008977 Schmutz, Sheila M. and Josef K. Schmutz. INHERITANCE OF COLOR PHASES OF FERRUGINOUS HAWKS. *Condor* 83(2):187-189. May 1981. WR 183
[Dep. Biol., Queen's Univ., Kingston, Ontario K7L 3N6, Canada] *Buteo regalis* in Canada.

81-008978 Scott, Charlotte. TURKEY VULTURE NEST IN SOUTHERN IOWA. *Iowa Bird Life* 51(3):105. Sept. 1981. WR 183
[Seymour, IA] *Cathartes aura.*

81-008979 Sharland, R. E. DESERT EAGLE-OWL IN NIGER. *Malimbus* 3(1):54. May 1981. WR 183
[P.O. Box 342, Kano, Nigeria] *Bubo ascalaphus.*

81-008980 Slack, Roy S. and Cathie Baumgartner Slack. FALL MIGRATION OF PEREGRINE FLACONS ALONG THE RHODE ISLAND COAST. *J. Field Ornithol.* 52(1):60-61. 1981. WR 183
[Terrestrial Environ. Specialists, Inc., R.D. #1, Box 388, Phoenix, NY 13135] *Falco peregrinus tundrius.*

81-008981 Slings, Q. L. (Rienk). LARGE FEMALE HEN HARRIER TRAPPED AT CASTRICUM IN NOVEMBER 1980. *Dutch Birding* 3(2):45. June 1981. In English. WR 183
[Jan Ligthartstraat 567, 1964 HR Heemskerk, Netherlands] *Circus cyaneus* in the Netherlands.

81-008982 Smith, Dwight G. WINTER ROOST SITE FIDELITY BY LONG-EARED OWLS IN CENTRAL PENNSYLVANIA. *Am. Birds* 35(3):339. May 1981. WR 183
[Biol. Dep., Southern Conn. State Coll., 501 Crescent St., New Haven 06515] *Asio otus.*

81-008983 Soucy, Leonard J., Jr. BARN OWL TAKES AN AMERICAN KESTREL. *J. Field Ornithol.* 52(2):147. 1981. WR 183
[1390 White Bridge Rd., Millington, NJ 07946] *Tyto alba* and *Falco sparverius* in New Jersey.

81-008984 St. John, Terry. SPECIES, ABUNDANCES, AND HABITAT PREFERENCES OF DIURNAL RAPTORS WINTERING ON CRAB ORCHARD NATIONAL WILDLIFE REFUGE. *Trans. Ill. State Acad. Sci.* 73(3):21-28. 1980. WR 183
[Southern Ill. Univ., Dep. Zool., Carbondale 62901] Data for 10 spp.

81-008985 Stamm, Anne L. and James S. Durell. THE 1981 BALD EAGLE SURVEY IN KENTUCKY. *Ky. Warbler* 57(3):60-62. Aug. 1981. WR 183
[9101 Spokane Way, Louisville, KY 40222] *Haliaeetus leucocephalus.*

RAPTORS (CONTINUED)

81-008986 Steinhaus, Gerard H. OEHOE VAN DEN HELDER GESCHOTEN IN FEBRUARI 1981. [EAGLE OWL OF DEN HELDER SHOT IN FEBRUARY 1981.] *Dutch Birding* 3(2):58. June 1981. In Dutch with English summ. WR 183
[Graaf Adolflaan 11, 3708 XA Zeist, Netherlands] *Bubo bubo* in the Netherlands.

81-008987 Steyn, Peter and J. H. Grobler. BREEDING BIOLOGY OF THE BOOTED EAGLE IN SOUTH AFRICA. *Ostrich* 52(2):108-118. June 1981. WR 183
[P.O. Box 54, Newlands, South Africa 7725] *Hieraaetus pennatus.*

81-008988 Stinson, Christopher H.; Douglas L. Crawford and Janet Lauthner. SEX DIFFERENCES IN WINTER HABITAT OF AMERICAN KESTRELS IN GEORGIA. *J. Field Ornithol.* 52(1):29-35. 1981. WR 183
[Dep. Zool. NJ-15, Univ. Wash., Seattle 98195] *Falco sparverius.*

81-008989 Stockdale, P. H. G. and R. J. Cawthorn. THE COCCIDIAN *CARYOSPORA BUBONIS* IN THE GREAT HORNED OWL (*BUBO VIRGINIANUS*). *J. Protozool.* 28(2):255-257. 1981. WR 183
[Dep. Vet. Microbiol., Western Coll. Vet. Med., Univ. Saskatchewan, Saskatoon, Saskatchewan, Canada S7N 0W0]

81-008990 Sultana, Joe and Charles Gauci. LONG-EARED OWL ENTANGLED IN ROUGH BRISTLE-GRASS. *Il-Merill* No. 21. p. 23. Jan.-Dec. 1980. WR 183
Asio otus.

81-008991 Sweeney, L. NOTES ON OBSERVATION OF GRIFFON VULTURE NESTING SITES AT EPISKOPI FROM DECEMBER 1978 TO OCTOBER 1979. *Cyprus Ornithol. Soc. Annu. Rep.* 1979:62-68. 1979. WR 183
Gyps fulva in Cyprus.

81-008992 Swenson, Jon E. OSPREY NEST SITE CHARACTERISTICS IN YELLOWSTONE NATIONAL PARK. *J. Field Ornithol.* 52(1):67-69. 1981. WR 183
[Mont. Dep. Fish, Wildl. & Parks, Box 36, Rosebud 59347] *Pandion haliaetus.*

81-008993 Thake, M. A. AUTUMN MIGRATION OF THE HONEY BUZZARD THROUGH MALTA IN RELATION TO WEATHER. *Il-Merill* No. 21. p. 13-17. Jan.-Dec. 1980. WR 183
Pernis apivorus.

81-008994 Thiollay, Jean-Marc. CAPACITIES PREDATRICES ET BUDGETS D'ACTIVITE CHEZ L'AIGLE PECHEUR, *HALIAEETUS VOCIFER.* [FEEDING ECOLOGY AND ACTIVITY BUDGET OF A POPULATION OF AFRICAN FISH EAGLES *HALIAEETUS VOCIFER.*] *Terre Vie* 35(4):537-562. Oct.-Dec. In French with English summ. WR 183
[46 rue d'Ulm, 75230 Paris Cedex 05, France]

81-008995 Thomson, W. R. FALCONRY AND CONSERVATION IN ZIMBABWE. *Honeyguide* No. 102. p. 6-10. May 1980. WR 183
[Mashonaland South, Dep. Natl. Parks & Wild Life Manage., P.O. Box 8365, Causeway, Zimbabwe]

81-008996 Thunhorst, Fred. NESTING SURVEYS FOR BALD EAGLES AND OSPREYS IN NORTHERN MINNESOTA, 1975. *Minn. Wildl. Res. Q.* 37(2):70-77. Apr. 1977. WR 183

RAPTORS (CONTINUED)

81-008996 CONTINUED
[Minn. Dep. Nat. Resour., Ely 55731] *Haliaeetus leucocephalus* and *Pandion haliaetus*.

81-008997 Tjernberg, Martin. DIET OF THE GOLDEN EAGLE *AQUILA CHRYSAETOS* DURING THE BREEDING SEASON IN SWEDEN. *Ornis Scand.* 12(2):139. Aug. 1981. WR 183
[Dep. Wildl. Ecol., Swedish Univ. Agric. Sci., S-750 07 Uppsala, Sweden]

81-008998 Trealeaven, R. B. OBSERVATIONS ON THE PEREGRINE. ONE SESSION'S HUNTING AND FOOD CACHING. *Hawk Trust Annu. Rep.* 10:30-31. 1980. WR 183
Falco peregrinus.

81-008999 Valente, Anthony. VERTEBRATE REMAINS IN PELLETS OF THE BARN OWL, *TYTO ALBA*, FROM PLANET DOWNS STATION, SOUTH-WESTERN QUEENSLAND. *Aust. Wildl. Res.* 8(1):181-185. 1981. WR 183
[Dep. Zool., La Trobe Univ., Bundoora, Victoria, Australia 3083]

81-009000 Van Daele, Lawrence J.; Hilary A. Van Daele and Donald R. Johnson. THE STATUS AND MANAGEMENT OF OSPREYS NESTING IN LONG VALLEY, IDAHO. *U.S. Water Power Resour. Serv. Central Snake Project Office, Boise, Idaho 83702* iii + 49p. Dec. 1980. WR 183
[Dep. Biol. Sci.-Zool., Univ. Idaho, Moscow 83842] *Pandion haliaetus*.

81-009001 van Velzen, J. A. P. MEER OVER OEHOE VAN DEN HELDER. [MORE ABOUT EAGLE OWL OF DEN HELDER.] *Dutch Birding* 3(3):100. Sept. 1981. In Dutch with English summ. WR 183
[Nierisstraat 7, 1784 CN Den Helder, Netherlands] *Bubo bubo* in the Netherlands.

81-009002 Vanderschaegen, Phil. WHERE ARE THE SAW-WHET OWLS? *Passenger Pigeon* 43(2):48-49. 1981. WR 183
[Rhinelander, WI] *Aegolius acadicus*.

81-009003 Waardenburg, P. A. BUIZERDEN EN RECREATIE. [HAWKS AND RECREATION.] *Limosa* 53(4):140. 1980. In Dutch. WR 183
[Hondsdraf 30, 7577 AH Oldenzaal, Netherlands] *Buteo buteo*.

81-009004 Waldenström, Anders; Knud Pedersen; Erik Vikkelsø Rasmussen and Jean Francois Dejonghe. INVASION AV AFTONFALK *FALCO VESPERTINUS* I SKANDINAVIEN OCH NORDEUROPA HÖSTEN 1979. [IRRUPTION OF RED-FOOTED FLACON *FALCO VESPERTINUS* IN SCANDINAVIA AND NORTHERN EUROPE IN AUTUMN 1979.] *Vår Fågelvärld* 40(5):297-310. 1981. In Swedish with English summ. WR 183
[Musserongatan 6, 386 00 Färjestaden, Sweden]

81-009005 Waldron, Martha. RAPTOR BANDING PROGRAM IN THE GREATER MEMPHIS AREA. *Migrant* 51(4):86-88. Dec. 1980. WR 183
[1626 Yorkshire Dr., Memphis, TN 38119] Data for 6 spp.

81-009006 Wallace, Michael P.; Patricia G. Parker and Stanley A. Temple. AN EVALUATION OF PATAGIAL MARKERS FOR CATHARTID VULTURES. *J. Field Ornithol.* 51(4):309-314. 1980. WR 183

RAPTORS (CONTINUED)

81-009006 CONTINUED
[Dep. Wildl. Ecol., Univ. Wis., Madison 53706] *Cathartes aura* and *Coragyps atratus*.

81-009007 Wallin, Kjell and Malte Andersson. ADULT NOMADISM IN TENGMALM'S OWL *AEGOLIUS FUNEREUS*. *Ornis Scand.* 12(2):125-126. Aug. 1981. WR 183
[Dep. Zool., Univ. Gothenburg, P.O. Box 250 59, S-400 31 Gothenburg, Sweden]

81-009008 Weske, John S. and John W. Terborgh. *OTUS MARSHALLI*, A NEW SPECIES OF SCREECH-OWL FROM PERÚ. *Auk* 98(1):1-7. Jan. 1981. WR 183
[Natl. Mus. Natl. Hist., Washington, DC 20560]

81-009009 Wiley, James W. and Beth Nethery Wiley. BREEDING SEASON ECOLOGY AND BEHAVIOR OF RIDGWAY'S HAWK (*BUTEO RIDGWAYI*). *Condor* 83(2):132-151. May 1981. WR 183
[Patuxent Wildl. Res. Cent., P.O. Box 21, Palmer, Puerto Rico 00721]

81-009010 Wilson, R. Trevor and Mary P. Wilson. NOTES ON THE GIANT EAGLE OWL *BUBO LACTEUS* IN CENTRAL MALI. *Ardea* 69(2):205-208. 1981. In English with Dutch summ. WR 183
[21 Westfield Grove, Wakefield, West Yorkshire, England]

81-009011 Witzeman, Bob. A BANNER YEAR FOR ARIZONA'S EAGLES. *Roadrunner* 29(1):5-7. Aug. 1981. WR 183
[4619 E. Arcadia Ln., Phoenix, AZ 85018] *Haliaeetus leucocephalus*.

81-009012 Wotherspoon, Lindsay. TWO EARLY SASKATCHEWAN GREAT GRAY OWL RECORDS. *Blue Jay* 39(3):184. Sept. 1981. WR 183
[P.O. Box 13-16, Swan River, Manitoba P0L 1Z0, Canada] *Strix nebulosa*.

81-009013 Zaletel, Hank; Linda Zaletel and Susan Coats. BURROWING OWL IN STORY COUNTY. *Iowa Bird Life* 51(2):74-76. June 1981. WR 183
[667 Pammel Ct., Ames, IA] *Speotyto cunicularia* in Iowa.

PASSERINE BIRDS--GENERAL

81-009014 Foster, Mercedes S. TOTAL FRUGIVORY IN TROPICAL PASSERINES: A REAPPRAISAL. *Trop. Ecol.* 19(2):131-154. 1978. In English with French and Spanish summ. WR 183
[Mus. Vertebr. Zool., Univ. Calif., Berkeley 94720]

81-009015 Majumdar, N. OCCURRENCE OF THE BENGAL BLACK ROBIN, *SAXICOLOIDES FULICATA ERYTHRURA* (LESSON) [MUSCICAPIDAE: TURDINAE], AND THE ASSAM PURPLE SUNBIRD, *NECTARINIA ASIATICA INTERMEDIA* (HUME) [NECTARINIIDAE] IN ORISSA STATE. *J. Bombay Nat. Hist. Soc.* 77(2):334. Aug. 1980. WR 183
[Zool. Surv. India, Indian Mus., Calcutta 700 016, India]

81-009016 O'Neill, John P. and Theodore A. Parker III. NEW SUBSPECIES OF *PIPREOLA RIEFFERII* AND *CHLOROSPINGUS OPHTHALMICUS* FROM PERU. *Bull. Br. Ornithol. Club* 101(2):294-299. June 1981. WR 183

PASSERINE BIRDS--GENERAL (CONTINUED)

81-009016 CONTINUED
[Mus. Zool., La. State Univ., Baton Rouge 70893] *Pipreola riefferii tallmanorum* and *Chlorospingus ophthalmicus hiaticolus*.

81-009017 Ojanen, Mikko and Eino Merilä. TALVEN 1978-1979 MARJALINNUT OULUSSA. [NUMBERS OF BERRY-EATING-BIRDS AT OULU IN WINTER 1978-1979.] *Aureola* 5:88-91. 1979. In Finnish with English summ. WR 183
Sturnus vulgaris, *Turdus pilaris*, *Bombycilla garrulus* and *Pinicola enucleator* in Finland.

81-009018 Olson, Storrs L. SYSTEMATIC NOTES ON CERTAIN OSCINES FROM PANAMA AND ADJACENT AREA (AVES: PASSERIFORMES). *Proc. Biol. Soc. Wash.* 94(2):363-373. 20 July 1981. WR 183
[Natl. Mus. Nat. Hist., Smithsonian Inst., Washington, DC 20560]

BLACKBIRDS, STARLINGS AND CROWS

81-009019 Bacon, Bruce R. JUVENILE YELLOW-HEADED BLACKBIRDS' UNUSUAL FEEDING BEHAVIOR. *Passenger Pigeon* 43(2):64. 1981. WR 183
Xanthocephalus xanthocephalus in Wisconsin.

81-009020 Baeyens, Gert. FUNCTIONAL ASPECTS OF SERIAL MONOGAMY: THE MAGPIE PAIR-BOND IN RELATION TO ITS TERRITORIAL SYSTEM. *Ardea* 69(2):145-166. 1981. In English with Dutch summ. WR 183
[Gemeentewaterleidingen Amsterdam, Vogelenzangseweg 21, 2114 BA Vogelenzang, Netherlands] *Pica pica*.

81-009021 Bell, Master B. FOLLOW MY LEADER. *Honeyguide* No. 102. p. 33. May 1980. WR 183
[P.O. Box 106, Marandellas, Zimbabwe] *Corvus albus* behavior in Zimbabwe.

81-009022 Bendell, Barry E.; Patrick J. Weatherhead and Robin K. Stewart. THE IMPACT OF PREDATION BY RED-WINGED BLACKBIRDS ON EUROPEAN CORN BORER POPULATIONS. *Can. J. Zool.* 59(8):1535-1538. Aug. 1981. In English with French summ. WR 183
[939 Weston Dr., Ottawa, Ontario, Canada K1G 1X1] *Agelaius phoeniceus* in Canada.

81-009023 Clark, L. and Russell P. Balda. THE DEVELOPMENT OF EFFECTIVE ENDOTHERMY AND HOMEOTHERMY BY NESTLING PIÑON JAYS. *Auk* 98(3):615-619. July 1981. WR 183
[Leidy Lab., Univ. Pa., Philadelphia 19104] *Gymnorhinus cyanocephalus* in Arizona.

81-009024 Clergeau, Philippe. DYNAMIQUE DES DORTOIRS D'ETOURNEAUX *STURNUS VULGARIS* DANS LE BASSIN DE RENNES. [DYNAMICS OF STARLING ROOSTS *STURNUS VULGARIS* IN THE RENNES BASIN.] *Alauda* 49(1):13-24. Mar. 1981. In French with English summ. WR 183
[Lab. Ethol., Univ. Rennes I, Ave. Général-Leclerc, 35042 Rennes Cedex, France]

BLACKBIRDS, STARLINGS AND CROWS (CONTINUED)

81-009025 Cooper, J. E. and J. R. Needham. THE STARLING (*STURNUS VULGARIS*) AS AN EXPERIMENTAL MODEL FOR STAPHYLOCOCCAL INFECTION OF THE AVIAN FOOT. *Avian Pathol.* 10(3):273-279. 1981. In English with French and German summ. WR 183
[Dep. Pathol., Royal Coll. Surgeons of England, 35-43 Lincoln's Inn Fields, London WC2A 3PN, England]

81-009026 Cronmiller, James R. and Charles F. Thompson. SEX-RATIO ADJUSTMENT IN MALNOURISHED RED-WINGED BLACKBIRD BROODS. *J. Field Ornithol.* 52(1):65-67. 1981. WR 183
[Dep. Biol., State Univ. N.Y., Geneseo 14454] *Agelaius phoeniceus* in New York.

81-009027 Dale, Brenda. A BREEDING RECORD FOR ORCHARD ORIOLES IN SASKATCHEWAN. *Blue Jay* 39(3):183. Sept. 1981. WR 183
[3629 18th Ave., Regina, Saskatchewan S4S 0C1, Canada] *Icterus spurius*.

81-009028 Darley-Hill, Susan and W. Carter Johnson. ACORN DISPERSAL BY THE BLUE JAY (*CYANOCITTA CRISTATA*). *Oecologia (Berl.)* 50(2):231-232. 11 Aug. 1981. WR 183
[Dep. Biol., Va. Polytech. Inst. & State Univ., Blacksburg]

81-009029 Ewert, David N. COMMON GRACKLES FEEDING ON ALEWIVES. *Jack-Pine Warbler* 59(2):66-67. June 1981. WR 183
[Dep. Biol., Central Mich. Univ., Mt. Pleasant 48859] *Quiscalus quiscalus* in Michigan.

81-009030 Feare, C. J.; A. J. Isaacson; P. A. Sheppard and Jacqui M. Hogan. ATTEMPTS TO REDUCE STARLING DAMAGE AT DAIRY FARMS. *Protection Ecol.* 3(2):173-181. Sept. 1981. WR 183
[M.A.F.F., Worplesdon Lab., Tangley Pl., Worplesdon, Guildford, Surrey GU3 3LQ, England] *Sturnus vulgaris*.

81-009031 Gollop, J. B. BLUE JAYS AND TENT CATERPILLARS. *Blue Jay* 39(2):115. June 1981. WR 183
[2202 York Ave., Saskatoon, Saskatchewan S7J 1J1, Canada] *Cyanocitta cristata* in Canada.

81-009032 Gromadzki, Maciej. ABUNDANCE OF THE STARLING, *STURNUS VULGARIS* L. IN THE BREEDING SEASON IN THE VICINITY OF GDAŃSK. *Acta Ornithol. (Warsaw)* 16(13):325-334. 25 Oct. 1978. In English with Polish and Russian summ. WR 183

81-009033 Handley, Charles O., Jr. BREWER'S BLACKBIRD IN EASTERN WEST VIRGINIA. *Redstart* 48(2):62-63. Apr. 1981. WR 183
[Smithsonian Inst., Washington, DC 20560] *Euphagus cyanocephalus*.

81-009034 Klapste, Jaroslav. CACHING OF FOOD BY THE WHITE-WINGED CHOUGH. *Aust. Bird Watcher* 9(1):25-26. Mar. 1981. WR 183
[6/15 Southey St., Elwood, Victoria 3184, Australia] *Corcorax melanorhamphos* in Australia.

81-009035 Knight, Richard L. and Mayo W. Call. THE COMMON RAVEN. *U.S. Bur. Land Manage. Tech. Note* 344:ii + 60p. Oct. 1980. From Monthly Catalog of U.S. Government Publications 81-6979. July 1981. WR 183
Corvus corax.

BLACKBIRDS, STARLINGS AND CROWS (CONTINUED)

81-009036 Koonz, William H. UNUSUAL NEST SITE FOR GRACKLES. *Blue Jay* 39(2):107-108. June 1981. WR 183
[1495 St. James St., Winnipeg, Manitoba R3H 0W9, Canada] *Quiscalus quiscula* in Canada.

81-009037 Laine, Harriet. MALE PARTICIPATION IN INCUBATION AND BROODING IN THE BLUE JAY. *Auk* 98(3):622-623. July 1981. WR 183
[Dep. Biol., City Coll., 138th St. & Convent Ave., New York, NY 10031] *Cyanocitta cristata* in New York.

81-009038 Loman, Jon and Staffan Tamm. DO ROOSTS SERVE AS "INFORMATION CENTERS" FOR CROWS AND RAVENS? *Am. Nat.* 115(2):285-289. Feb. 1980. WR 183
[Dep. Anim. Ecol., Univ. Lund, S-223 62 Lund, Sweden] *Corvus cornix* and *Corvus corax*.

81-009039 Majundar, N. ON THE TAXONOMIC STATUS OF THE EASTERN GHATS HILL MYNA, *GRACULA RELIGIOSA PENINSULARIS* WHISTLER AND KINNEAR, 1933 [AVES: STURNIDAE]. *J. Bombay Nat. Hist. Soc.* 72(2):331-333. Aug. 1980. WR 183
[Zool. Surv. India, Indian Mus., Calcutta 700 016, India]

81-009040 Nordin, M. and Ahmad Yusof. SOME PHYSICAL CHARACTERISTICS AND CHEMICAL COMPOSITION OF EGGS OF THE HOUSE CROW *(CORVUS SPLENDENS)*. *Malays. Appl. Biol.* 10(1):69-70. June 1981. WR 183
[Unit Zool., Fak. Sains, Univ. Kebangsaan, Malaysia]

81-009041 Nordin, M.; A. Yusof; B. Januddin and A. Faudziah. THE GROWTH AND METABOLIC RATE OF THE HOUSE CROW *(CORVUS SPLENDENS)*. *Malays. Appl. Biol.* 10(1):63-66. June 1980. WR 183
[Unit Zool., Fak. Sains, Univ. Kebangsaan, Malaysia]

81-009042 Oelhafen, Maria G. VERGLEICHEND MORPHOLOGISCHE UNTERSUCHUNGEN AM VERDAUUNGSTRAKT EINHEIMISCHER RABENVÖGEL (CORVIDAE). [A COMPARATIVE MORPHOLOGICAL STUDY OF THE DIGESTIVE TRACT OF SOME EUROPEAN CORVIDS (CORVIDAE).] *Ornithol. Beob.* 78(1):17-40. Apr. 1981. In German with English summ. WR 183
[Zool. Mus. Univ. Zürich-Irchel, Winterthurerstraße 190, CH-8057 Zürich, Switzerland] Data for 8 spp.

81-009043 Patterson, Cindy B. and J. Merritt Emlen. VARIATION IN NESTLING SEX RATIOS IN THE YELLOW-HEADED BLACKBIRDS. *Am. Nat.* 115(5):743-747. May 1980. WR 183
[Div. Biol. Sci., Univ. Mo., Columbia 65201] *Xanthocephalus xanthocephalus* in Washington.

81-009044 Payne, Robert B. SEXUAL SELECTION AND INTERSEXUAL DIFFERENCES IN VARIANCE OF BREEDING SUCCESS. *Am. Nat.* 114(3):447-452. Sept. 1979. WR 183
[Mus. Zool., Univ. Mich., Ann Arbor 48109] *Agelaius phoeniceus*.

81-009045 Poché, Richard M. CROWS STEAL GOLF BALLS IN BANGLADESH. *Wilson Bull.* 93(2):280. June 1981. WR 183
[Rt. 2, Box 164, St. Martinville, LA 70582] *Corvus macrorhynchos*.

BLACKBIRDS, STARLINGS AND CROWS (CONTINUED)

81-009046 Post, William. THE PREVALENCE OF SOME ECTOPARASITES, DISEASES, AND ABNORMALITIES IN THE YELLOW-SHOULDERED BLACKBIRD. *J. Field Ornithol.* 52(1):16-22. 1981. WR 183
[Dep. Nat. Sci., Fla. State Mus., Gainesville 32611] *Agelaius xanthomus* in Puerto Rico.

81-009047 Potter, Eloise F. and Gail T. Whitehurst. COWBIRDS IN THE CAROLINAS. *Chat* 45(3):57-68. 1981. WR 183
[Rt. 3, Box 114AA, Zebulon, NC 27597] *Molothrus ater* in North and South Carolina.

81-009048 Rékási, József. HOLLÓ *CORVUS CORAX* ELHULLÁS BÁCSALMÁS KÖRNYÉKÉN. [RAVENS *CORVUS CORAX* PERISHED FROM POISONED EGGS.] *Tiscia (Szeged)* 9(suppl. 3):11-12. 1980. In Hungarian with English summ. WR 183

81-009049 Rékási, József. ADATOK A SEREGÉLYFIÓKAK *STURNUS VULGARIS* TÁPLÁLKOZÁSÁHOZ. [DATA ON THE NOURISHMENT OF STARLING NESTLINGS *STURNUS VULGARIS*.] *Tiscia (Szeged)* 9(suppl. 3):7-8. 1980. In Hungarian with English summ. WR 183

81-009050 Ricklefs, Robert E. and Susan Peters. PARENTAL COMPONENTS OF VARIANCE IN GROWTH RATE AND BODY SIZE OF NESTLING EUROPEAN STARLINGS (*STURNUS VULGARIS*) IN EASTERN PENNSYLVANIA. *Auk* 98(1):39-48. Jan. 1981. WR 183
[Dep. Biol., Univ. Pa., Philadelphia 19104]

81-009051 Robbins, Mark B. and David A. Easterla. RANGE EXPANSION OF THE BRONZED COWBIRD WITH THE FIRST MISSOURI RECORD. *Condor* 83(3):270-272. Aug. 1981. WR 183
[Mus. Zool., La. State Univ., Baton Rouge 70893] *Molothrus aeneus.*

81-009052 Searcy, William A. SEXUAL SELECTION AND AGGRESSIVENESS IN MALE RED-WINGED BLACKBIRDS. *Anim. Behav.* 29(3):958-960. Aug. 1981. WR 183
[Rockefeller Univ. Field Res. Cent., Millbrook, NY 12545] *Agelaius phoeniceus.*

81-009053 Searcy, William A. and Ken Yasukawa. SEXUAL SIZE DIMORPHISM AND SURVIVAL OF MALE AND FEMALE BLACKBIRDS (ICTERIDAE). *Auk* 98(3):457-465. July 1981. WR 183
[Rockefeller Univ. Field Res. Cent., Tyrrel Rd., Millbrook, NY 12545]

81-009054 Searcy, William A. FEMALE CHOICE OF MATES: A GENERAL MODEL FOR BIRDS AND ITS APPLICATION TO RED-WINGED BLACKBIRDS (*AGELAIUS PHOENICEUS*). *Am. Nat.* 114(1):77-100. July 1979. WR 183
[Rockefeller Univ. Field Res. Cent., Tyrrel Rd., Millbrook, NY 12545]

81-009055 Stevens, Charles E. ANOTHER PIEDMONT RAVEN NEST. *Raven* 51(1):14. Mar. 1980. WR 183
[615 Preston Pl., Charlottesville, VA 22903] *Corvus corax* in Virginia.

81-009056 Stevenson, Henry M. STATUS OF THE BOAT-TAILED GRACKLE IN THE FLORIDA PANHANDLE. *Fla. Field Nat.* 9(3):34-37. Aug. 1981. WR 183
[Tall Timbers Res. Stn., Rt. 1, Box 160, Tallahassee, FL 32312] *Quiscalus major.*

BLACKBIRDS, STARLINGS AND CROWS (CONTINUED)

81-009057 Sundin, Bruno. SKATBO PÅ HUS. [A MAGPIE *PICA PICA* NEST ON A BUILDING.] *Vår Fågelvärld* 40(3):217. 1981. In Swedish with English summ. WR 183
[Torsvikssvängen 56, 181 34 Lidingö, Sweden]

81-009058 Thompson, Charles F. and Bradley M. Gottfried. NEST DISCOVERY AND SELECTION BY BROWN-HEADED COWBIRDS. *Condor* 83(3):268-269. Aug. 1981. WR 183
[Dep. Biol. Sci., Ill. State Univ., Normal 61761] *Molothrus ater* in Minnesota.

81-009059 Toor, H. S. and Manjit Singh Dhindsa. A NEW NESTING SITE OF COMMON MYNA, *ACRIDOTHERES TRISTIS* (LINNAEUS), IN THE PUNJAB. *J. Bombay Nat. Hist. Soc.* 77(2):329-331. Aug. 1980. WR 183
[Dep. Zool., Punjab Agric. Univ., Ludhiana-141 004, India]

81-009060 Trail, Pepper W.; Stuart D. Strahl and Jerram L. Brown. INFANTICIDE IN RELATION TO INDIVIDUAL AND FLOCK HISTORIES IN A COMMUNALLY BREEDING BIRD, THE MEXICAN JAY (*APHELOCOMA ULTRAMARINA*). *Am. Nat.* 118(1):72-82. July 1981. WR 183
[Sect. Neurobiol. & Behav., Cornell Univ., Ithaca, NY 14850]

81-009061 Vander Wall, Stephen B.; Stephen W. Hoffman and Wayne K. Potts. EMIGRATION BEHAVIOR OF CLARK'S NUTCRACKER. *Condor* 83(2):162-170. May 1981. WR 183
[Dep. Biol. & Ecol. Cent., UMC 53, Utah State Univ., Logan 84322] *Nucifraga columbiana* in Utah and Nevada.

81-009062 Vassallo, Alfred. A SUPERB STARLING WITH A FLOCK OF MIGRATING EUROPEAN STARLINGS. *Il-Merill* No. 21. p. 23. Jan.-Dec. 1980. WR 183
Spreo superbus and *Sturnus vulgaris*.

81-009063 Verbeek, Nicolaas A. M.; Robert W. Butler and Howard Richardson. INTERSPECIFIC ALLOPREENING SOLICIATION IN FEMALE BREWER'S BLACKBIRDS. *Condor* 83(2):179-180. May 1981. WR 183
[Dep. Biol. Sci., Simon Fraser Univ., Burnaby, British Columbia, Canada V5A 1S6] *Euphagus cyanocephalus* in Canada.

81-009064 Weatherhead, Patrick J. and Hamilton Greenwood. AGE AND CONDITION BIAS OF DECOY-TRAPPED BIRDS. *J. Field Ornithol.* 52(1):10-15. 1981. WR 183
[Dep. Biol., Carleton Univ., Ottawa, Ontario, Canada K1S 5B6] *Agelaius phoeniceus, Sturnus vulgaris, Quiscalus quiscula* and *Molothrus ater* in Canada.

81-009065 Williams, Morris D. NOTES ON THE BREEDING BIOLOGY AND BEHAVIOR OF THE RAVENS OF PEREGRINE RIDGE, GREAT SMOKY MOUNTAINS NATIONAL PARK, TENNESSEE. *Migrant* 51(4):77-80. Dec. 1980. WR 183
[Mus. Zool., La State Univ., Baton Rouge 70893] *Corvus corax*.

81-009066 Wilson, R. T. THE CORVIDAE IN THE SUDAN REPUBLIC, WITH SPECIAL REFERENCE TO DARFUR. *Afr. J. Ecol.* 19(3):285-294. Sept. 1981. In English with French summ. WR 183
[21 Westfield Grove, Wakesfield, England] Data for 7 spp.

BLACKBIRDS, STARLINGS AND CROWS (CONTINUED)

81-009067 Yasukawa, Ken. SONG AND TERRITORY DEFENSE IN THE RED-WINGED BLACKBIRD. *Auk* 98(1):185-187. Jan. 1981. WR 183
[Dep. Biol., Beloit Coll., Beloit, WI 53511] *Agelaius phoeniceus* in New York.

81-009068 Yasukawa, Ken. MALE QUALITY AND FEMALE CHOICE OF MATE IN THE RED-WINGED BLACKBIRD (*AGELAIUS PHOENICEUS*). *Ecology* 62(4):922-929. Aug. 1981. WR 183
[Dep. Zool., Indiana Univ., Bloomington 47401]

OTHER PASSERINE BIRDS

81-009069 Štollmann, Andrej. *PHYLLOSCOPUS TROCHILOIDES* (SUNDEVALL, 1817) - NOVÝ ČLEN SLOVENSKEJ AVIFAUNY. [*PHYLLOSCOPUS TROCHILOIDES* (SUNDEVALL, 1817) - A NEW MEMBER OF THE AVIFAUNA OF SLOVAKIA.] *Biológia (Bratisl.)* 35(4):373-374. 1980. With Russian and English summ. WR 183
[Inst. Exp. Biol. & Ecol. SAV, Res. Stn., 976 02 Staré Hory, Czechoslovakia]

81-009070 Švec, Jaroslav and Vieroslava Švecová. K POZNANIU EKOLÓGIE MLYNÁRKY DLHOCHVOSTEJ (*AEGITHALOS CAUDATUS CAUDATUS* L.). I. POPULAČNÁ EKOLÓGIA. [NOTES ON THE ECOLOGY OF THE LONG-TAILED TIT (*AEGITHALOS CAUDATUS CAUDATUS* L.). I. POPULATION ECOLOGY.] *Biológia (Bratisl.)* 34(8):629-636. 1979. With Russian and English summ. WR 183
[Litoměřická 35, 951 93 Topoľčianky, Czechoslovakia]

81-009071 Abbott, Jackson M. ASH-THROATED FLYCATCHER AT CHERITON, VIRGINIA. *Raven* 50(4):69-70. Dec. 1979. WR 183
[8501 Doter Dr., Alexandria, VA 22308] *Myiarchus cinerascens.*

81-009072 Adams, Raymond J., Jr. and Richard Brewer. AUTUMN SELECTION OF BREEDING LOCATION BY FIELD SPARROWS. *Auk* 98(3):629-631. July 1981. WR 183
[Kalamazoo Nat. Cent., Kalamazoo, MI 49001] *Spizella pusilla.*

81-009073 Albert, András. A KÉK CINEGE *PARUS CAERULEUS* TERÜLETVÉDŐ MAGATARTÁSA. [TERRITORY DEPENDING BEHAVIOUR OF BLUE TIT *PARUS CAERULEUS.*] *Tiscia (Szeged)* 9(suppl. 3):15-16. 1980. In Hungarian with English summ. WR 183

81-009074 Alsop, Fred J. III. THE CLIFF SWALLOW (*PETROCHELIDON PYRRHONOTA*) IN TENNESSEE. *Migrant* 52(1):1-11. Mar. 1981. WR 183
[Dep. Biol. Sci., East Tenn. State Univ., Kingsport Univ. Cent., University Blvd., Kingsport 37660]

81-009075 Anderson, Jann. A SUMMER TANAGER IN KANDIYOHI COUNTY. *Loon* 53(3):170. 1981. WR 183
[Rt. 1, Box 41, Watertown, MN 55388] *Piranga rubra* in Minnesota.

81-009076 Andersson, Malte. CENTRAL PLACE FORAGING IN THE WHINCHAT, *SAXICOLA RUBETRA*. *Ecology* 62(3):538-544. June 1981. WR 183
[Dep. Zool., Univ. Gothenburg, Box 250 59, 400 31 Gothenburg, Sweden]

OTHER PASSERINE BIRDS (CONTINUED)

81-009077 Andre, John B. SECOND SIGHT RECORD OF SAY'S PHOEBE IN SOUTH CAROLINA. *Chat* 45(2):44-45. 1981. WR 183
[Rt. 1, Box 220, Awendaw, SC 29429] *Sayornis saya*.

81-009078 Andrews, Peter. BITTERN-LIKE POSTURE OF JUVENILE WHINCHAT. *Br. Birds* 74(6):266-267. June 1981. WR 183
[Trewartha, 4 Montpelier East, Weston-Super-Mare, Avon, England] *Saxicola rubetra* in England.

81-009079 Apel, Karen M. and Millicent S. Ficken. PREDATOR ALARM CALLS OF YOUNG BLACK-CAPPED CHICKADEES. *Auk* 98(3):624. July 1981. WR 183
[Dep. Zool., Univ. Wis., Milwaukee 53201] *Parus atricapillus* in Wisconsin.

81-009080 Ash, J. S. and P. R. Colston. A HOUSE X SOMALI SPARROW *PASSER DOMESTICUS X P. CASTANOPTERUS* HYBRID. *Bull. Br. Ornithol. Club* 101(2):291-294. June 1981. WR 183
[Natl. Mus. Nat. Hist., Smithsonian Inst., Washington, DC 20560]

81-009081 Askenmo, Conny. REPRODUCTIVE EFFORT AND RETURN RATE OF MALE PIED FLYCATCHERS. *Am. Nat.* 114(5):748-753. Nov. 1979. WR 183
[Dep. Zool., Univ. Gothenburg, Fack, S-400 33 Gothenburg 33, Sweden] *Ficedula hypoleuca*.

81-009082 Aspinwall, D. R. GREY WAGTAIL SIGHTING IN ZAMBIA. *Ostrich* 52(2):128. June 1981. WR 183
[Box 50093, Lusaka, Zambia] *Motacilla cinerea*.

81-009083 Baker, Myron Charles; L. Richard Mewaldt and Robert M. Stewart. DEMOGRAPHY OF WHITE-CROWNED SPARROWS (*ZONOTRICHIA LEUCOPHRYS NUTTALLI*). *Ecology* 62(3):636-644. June 1981. WR 183
[Dep. Zool. & Entomol., Colo. State Univ., Fort Collins 80523]

81-009084 Baker, Myron Charles; Daniel B. Thompson and Gregory L. Sherman. NEIGHBOR/STRANGER SONG DISCRIMINATION IN WHITE-CROWNED SPARROWS. *Condor* 83(3):265-267. Aug. 1981. WR 183
[Dep. Zool. & Entomol., Colo. State Univ., Fort Collins, CO 80523] *Zonotrichia leucophrys nuttalli* in California.

81-009085 Bakken, G. S.; W. A. Buttemer; W. R. Dawson and D. M. Gates. HEATED TAXIDERMIC MOUNTS: A MEANS OF MEASURING THE STANDARD OPERATIVE TEMPERATURE AFFECTING SMALL ANIMALS. *Ecology* 62(2):311-318. Apr. 1981. WR 183
[Dep. Life Sci., Indiana State Univ., Terre Haute 47809] *Carduelis tristis*.

81-009086 Bancroft, Jean. CHANGING NESTING HABITS OF THE CATBIRD. *Blue Jay* 39(2):113-114. June 1981. WR 183
[306-200 Tuxedo Ave., Winnipeg, Manitoba R3P 0R3, Canada] *Dumetella carolinensis* in Canada.

81-009087 Baptista, Luis F.; Martin L. Morton and Maria E. Pereyra. INTERSPECIFIC SONG MIMESIS BY A LINCOLN SPARROW. *Wilson Bull.* 93(2):265-267. June 1981. WR 183

OTHER PASSERINE BIRDS (CONTINUED)

81-009087 CONTINUED
[Dep. Birds & Mammals, Calif. Acad. Sci., San Francisco 94118] *Melospiza lincolni* in California.

81-009088 Barrentine, Carl D. THE INGESTION OF GRIT BY NESTLING BARN SWALLOWS. *J. Field Ornithol.* 51(4):368-371. 1980. WR 183
[Dep. Biol., Idaho State Univ., Pocatello 83201] *Hirundo rustica* in Washington.

81-009089 Barron, Alan. FIRST HOUSE FINCH NEST IN KENTUCKY. *Ky. Warbler* 57(3):64. Aug. 1981. WR 183
[201 York, Apt. 509, Louisville, KY 40203] *Carpodacus mexicanus*.

81-009090 Bath, Colin. BREEDING THE PIED BUTCHERBIRD *CRACTICUS NIGROGULARIS* AT THE PAIGNTON ZOOLOGICAL AND BOTANICAL GARDENS, DEVON. *Avic. Mag.* 87(1):1-2. Jan-Mar. 1981. WR 183

81-009091 Beidermann, Ehud and Iain Robertson. THE OCCURRENCE OF THE PINE BUNTING IN ISRAEL. *Sandgrouse* No. 2. p. 96. 1981. WR 183
[Mivtza Kadesh 3, Jerusalem, Israel] *Emberiza leucocephalos*.

81-009092 Beier, Josef. UNTERSUCHUNGEN AN DROSSEL- UND TEICHROHRSÄNGER (*ACROCEPHALUS ARUNDINACEUS, A. SCIRPACEUS*): BESTANDSENTWICKLUNG, BRUTBIOLOGIE, ÖKOLOGIE. [STUDIES ON *ACROCEPHALUS ARUNDINACEUS* AND *SCIRPACEUS*: POPULATION TRENDS, BREEDING BIOLOGY, AND ECOLOGY.] *J. Ornithol.* 122(3):209-230. July 1981. In German with English summ. WR 183
[Schubertstraße 10, D-8553 Ebermannstadt, West Germany]

81-009093 Belousov, E. M. [ON THE IDENTIFICATION OF *HIPPOLAIS PALLIDA* AND *H. RAMA* (AVES, SYLVIIDAE).] *Zool. Zh.* 60(7):1112-1114. July 1981. In Russian with English summ. WR 183
[Krasnovodsk State Reservation, USSR]

81-009094 Bendorf, Carl J. IMMATURE SCISSOR-TAILED FLYCATCHER AT AMANA. *Iowa Bird LIfe* 51(2):76-77. June 1981. WR 813
[825 7th Ave., Iowa City, IA] *Muscivora forficata* in Iowa.

81-009095 Bennett, Gordon F. and Michael A. Peirce. AVIAN HAEMOPROTEIDAE. 15. THE HAEMOPROTEIDS OF THE AVIAN FAMILY ZOSTEROPIDAE. *Can. J. Zool.* 59(6):1155-1160. June 1981. In English with French summ. WR 183
[Dep. Biol., Memorial Univ. Newfoundland, St. John's, Newfoundland, Canada] Data from 12 spp. of *Zosterops*.

81-009096 Benson, C. W. and F. M. Benson. THE NEST OF MENNELL'S SEEDEATER *SERINUS MENNELLI*. *Honeyguide* No. 102. p. 29. May 1980. WR 183
[Mus. Zool., Cambridge, England]

81-009097 Bent, Gijsbert van der. ANOTHER RECORD OF PARTIALLY ALBINISTIC WHEATEAR IN NETHERLANDS. *Dutch Birding* 3(2):59. June 1981. In English. WR 183
[E.A. Borgerstraat 71, 2225 AP Katwijk aan Zee, Netherlands] *Oenanthe oenanthe*.

OTHER PASSERINE BIRDS (CONTINUED)

81-009098 Bingman, Verner P. SAVANNAH SPARROWS HAVE A MAGNETIC COMPASS. *Anim. Behav.* 29(3):962-963. Aug. 1981. WR 183
[Dep. Biol. Sci., State Univ. N.Y., Albany 12222] *Passerculus sandwichensis.*

81-009099 Blem, Charles R. and John F. Mehner. ESTABLISHMENT AND NESTING OF THE HOUSE FINCH IN VIRGINIA. *Raven* 50(4):67-69. Dec. 1979. WR 183
[Dep. Biol., Va. Commonwealth Univ., Richmond 23284] *Carpodacus mexicanus.*

81-009100 Boag, Peter T. and Peter R. Grant. INTENSE NATURAL SELECTION IN A POPULATION OF DARWIN'S FINCHES (GEOSPIZINAE) IN THE GALÁPAGOS. *Science* 214(4516):82-85. 2 Oct. 1981. WR 183
[Div. Biol. Sci., Univ. Mich., Ann Arbor 48109] *Geospiza fortis.*

81-009101 Bobbitt, D. G. A WOOD THRUSH IN SOUTHERN SASKATCHEWAN. *Blue Jay* 39(2):112. June 1981. WR 183
[Box 663, Weyburn, Saskatchewan S4H 2K8, Canada] *Hylocichla mustelina* in Canada.

81-009102 Boles, Walter E.; N. W. Longmore and T. R. Lindsey. AUXILIARY AT THE NEST OF THE BLUE-FACED HONEYEATER. *Corella* 5(2):36. June 1981. WR 183
[Dep. Ornithol., Australian Mus., Sydney, New South Wales 2000, Australia] *Entomyzon cyanotis* in Australia.

81-009103 Borror, Donald J. THE SONGS AND SINGING BEHAVIOR OF THE RED-EYED VIREO. *Condor* 83(3):217-228. Aug. 1981. WR 183
[Dep. Zool., Ohio State Univ., 484 W. 12th Ave., Columbus 43210] *Vireo olivaceus.*

81-009104 Boughey, Michael J. and Nicholas S. Thompson. SONG VARIETY IN THE BROWN THRASHER (*TOXOSTOMA RUFUM*). *Z. Tierpsychol.* 56(1):47-58. 1981. In English with German summ. WR 183
[Sci. Appl., Inc., 5 Wrigley St., Irving, CA 92714]

81-009105 Bowman, Robert I. ADAPTIVE MORPHOLOGY OF SONG DIALECTS IN DARWIN'S FINCHES. *J. Ornithol.* 120(4):353-389. 1979. In English with German summ. WR 183
[Dep. Biol. Sci., San Francisco State Univ., 1600 Holloway Ave., San Francisco, CA 94132] *Geospiza* and *Certhidea* on the Galapagos Islands.

81-009106 Box, Edith D. *ISOSPORA* AS AN EXTRAINTESTINAL PARASITE OF PASSERINE BIRDS. *J. Protozool.* 28(2):244-246. May 1981. WR 183
[Dep. Microbiol., Univ. Tex. Med. Branch, Galveston 77550] *Passer domesticus* in Texas.

81-009107 Bradley, Richard A. SONG VARIATION WITHIN A POPULATION OF WHITE-EYED VIREOS (*VIREO GRISEUS*). *Auk* 98(1):80-87. Jan. 1981. WR 183
[Dep. Biol., Univ. N. Mex., Albuquerque 87131]

81-009108 Brown, Charles R. REPRODUCTIVE SUCCESS OF PURPLE MARTINS IN ALUMINUM VERSUS WOODEN BIRDHOUSES. *J. Field Ornithol.* 52(2):148-149. 1981. WR 183
[Dep. Biol., Princeton Univ., Princeton, NJ 08544] *Progne subis* in Texas.

OTHER PASSERINE BIRDS (CONTINUED)

81-009109 Bruggers, David. HOUSE FINCH IN MINNESOTA. *Loon* 53(2):109. 1981. WR 183
[2433 S. Hopkins Crossroad, Minnetonka, MN 55343] *Carpodacus mexicanus.*

81-009110 Burtt, Harold E. and Benjamin P. Burtt. WHITE-BREASTED NUTHATCHES MAINTAIN TERRITORY IN PAIRS YEAR ROUND. *Redstart* 48(2):64-65. Apr. 1981. WR 183
[6161 Smokey Hollow Rd., Jamesville, NY 13078] *Sitta carolinensis* in New York.

81-009111 Buskirk, William H. OCHRACEOUS WREN FAILS TO RESPOND TO MOBBING CALLS IN AN HETEROSPECIFIC FLOCK. *Wilson Bull.* 93(2):278-279. June 1981. WR 183
[Biol. Dep., Earlham Coll., Richmond, IN 47374] *Troglodytes ochraceus* in Costa Rica.

81-009112 Cameron, Suzanne M. GREY WAGTAIL IN NORTH QUEENSLAND. *Sunbird* 11(2):44-45. June 1980. WR 183
[P.O. Box 183, Atherton, North Queensland 4883, Australia] *Motacilla cinerea.*

81-009113 Cantrell, M. A. and S. M. Evans. AUDITORY COMMUNICATION IN THE BLUE WAXBILLS *URAEGINTHUS. Ostrich* 52(2):104-107. June 1981. WR 183
[Evans: Dep. Zool., Univ. Newcastle upon Tyne, NE1 7RU, England] *Uraeginthus bengalus, U. cyanocephalus* and *U. ianthinogaster* in Kenya.

81-009114 Caraco, Thomas. ENERGY BUDGETS, RISK AND FORAGING PREFERENCES IN DARK-EYED JUNCOS *(JUNCO HYEMALIS). Behav. Ecol. Sociobiol.* 8(3):213-217. June 1981. WR 183
[Dep. Biol., Univ. Rochester, Rochester, NY 14627]

81-009115 Cardiff, Steven W. and J. V. Remsen, Jr. A BLUE BUNTING [*PASSERINA (CYANOCOMPSA) PARELLINA*] RECORD FOR THE UNITED STATES FROM LOUISIANA. *Auk* 98(3):621-622. July 1981. WR 183
[Mus. Zool., La. State Univ., Baton Rouge 70893]

81-009116 Carpenter, Anita. SHARP-TAILED SPARROWS IN WINNEBAGO COUNTY. *Passenger Pigeon* 43(2):60. 1981. WR 183
Ammospiza caudacuta in Wisconsin.

81-009117 Carpenter, Thomas W. OBSERVATIONS OF A BLACK-CAPPED CHICKADEE ATTEMPTING TO REMOVE A BAND. *Inl. Bird Banding* 53(1):10. 1981. WR 183
[3646 S. John Hix, Wayne, MI 48184] *Parus atricapillus* in Michigan.

81-009118 Chapel, Robert T. SUMMER RECORD OF BLUE GROSBEAKS IN CHAMPAIGN COUNTY. *Ill. Audubon Bull.* No. 195. p. 32-33. 1980/81. WR 183
[308 W. Washington, Urbana, IL 61801] *Guiraca caerulea* in Illinois.

81-009119 Chattopadhyay, Srikumar. EGG-BOUND DEATH OF A PURPLERUMPED SUNBIRD AT BAJ BAJ, WEST BENGAL. *J. Bombay Nat. Hist. Soc.* 77(2):333. Aug. 1980. WR 183
[Baj Baj, West Bengal, India] *Nectarinia zeylenica sola.*

OTHER PASSERINE BIRDS (CONTINUED)

81-009120 Chattopadhyay, Srikumar. ON NESTING ASSOCIATION OF THE WHITEBACKED MUNIA, *LONCHURA STRIATA* (LINNAEUS) WITH THE MOUND-FORMING TREE-ANT, *CREMATOGASTER ROGENHOFERI* MAYR. *J. Bombay Nat. Hist. Soc.* 77(2):337-338. Aug. 1980. WR 183
[Zool. Serv. India, Indian Mus., Calcutta 700 016, India]

81-009121 Clarke, J. E. THE OCCURRENCE OF STRICKLAND'S WHEATEAR IN JORDAN. *Sandgrouse* No. 2. p. 98-99. 1981. WR 183
[Glencaple, 13 Lasswade Rd., Dalkeith, Midlothian, EH22 3EB, Scotland] *Oenathe picata opistholeuca*.

81-009122 Clarkson, J. R. BITTERN-LIKE POSTURE OF JUVENILE SONG THRUSH. *Br. Birds* 74(6):267. June 1981. WR 183
[34 Kenwick Rd., Louth, Lincolnshire LN11 8EG, England] *Turdus philomelos* in England.

81-009123 Collins, Scott Lathrop. HABITAT RELATIONSHIPS AND HABITAT VARIABILITY OF THE WOOD WARBLERS (PARULIDAE). *Ph.D. dissertation, Univ. Okla.* 108p. 1981. From Diss. Abstr. Int. B Sci. Eng. 42(2):488. Aug. 1981. WR 183

81-009124 Conant, Patrick. OBSERVATION OF 'APAPANE ON LAN'I. *'Elepaio* 41(2):15. Aug. 1980. WR 183
[Entomol. Dep., Univ. Hawaii, Honolulu] *Himatione sanguinea* in Hawaii.

81-009125 Confer, John L. and Kristine Knapp. GOLDEN-WINGED WARBLERS AND BLUE-WINGED WARBLERS: THE RELATIVE SUCCESS OF A HABITAT SPECIALIST AND A GENERALIST. *Auk* 98(1):108-114. Jan. 1981. WR 183
[Biol. Dep., Ithaca Coll., Ithaca, NY 14850] *Vermivora chrysoptera* and *V. pinus* in New York.

81-009126 Craib, C. L. GURNEY'S SUGARBIRD (R 750). *Witwatersrand Bird Club News* No. 113. p. 4-7. June 1981. WR 183
Promerops gurneyi in South Africa.

81-009127 Craig, John L.; Murray E. Douglas; Anne M. Stewart and C. Richard Veitch. SPECIFIC AND SEXUAL DIFFERENCES IN BODY MEASUREMENTS OF NEW ZEALAND HONEYEATERS. *Notornis* 28(2):121-128. June 1981. WR 183
[Zool. Dep., Univ. Auckland, Private Bag, Auckland, New Zealand] *Prosthemadera novaeseelandiae*, *Anthornis melanura* and *Notiomystis cincta*.

81-009128 Craig, Robert James. COMPARATIVE ECOLOGY OF THE LOUISIANA AND NORTHERN WATERTHRUSHES. *Ph.D. dissertation, Univ. Conn.* 128p. 1981. From Diss. Abstr. Int. B Sci. Eng. 42(2):524. Aug. 1981. WR 183
Seiurus motacilla and *S. noveboracensis*.

81-009129 Crawford, H. S.; R. G. Hooper and R. W. Titterington. SONGBIRD POPULATION RESPONSE TO SILVICULTURAL PRACTICES IN CENTRAL APPALACHIAN HARDWOODS. *J. Wildl. Manage.* 45(3):680-692. July 1981. WR 183
[Northeastern For. Exp. Stn., USDA For. Serv., Orono, ME 04469]

81-009130 Crowe, T. M.; A. G. Rebelo; W. J. Lawson and A. J. Manson. PATTERNS OF VARIATION IN BODY-MASS OF THE BLACK-EYED BULBUL *PYCNONOTUS BARBATUS*. *Ibis* 123(3):336-345. July 1981. WR 183
[Percy FitzPatrick Inst., Univ. Cape Town, Rondebosch 7700, South Africa]

OTHER PASSERINE BIRDS (CONTINUED)

81-009131 Crumb, Dorothy W. PINE GROSBEAK EATING AT FEEDER. *Kingbird* 31(3):153. 1981. WR 183
[3983 Gates Rd., Jamesville, NY 13078] *Pincola enucleator* in New York.

81-009132 Czajkowski, M. A. and J. F. Dejonghe. SUR LES MOUVEMENTS DE *PARUS ATER* ET DE *PARUS MONTANUS* À HAUTE ALTITUDE DANS LE ALPES OCCIDENTALES. [ON THE MOVEMENTS OF *PARUS ATER* AND *PARUS MONTANUS* AT HIGH ALTITUDES IN THE WESTERN ALPS.] *Alauda* 49(1):61-63. Mar. 1981. In French. WR 183
[Mus. Natl. Hist. Nat., 55 rue Buffon, 75005 Paris, France]

81-009133 Da Camara-Smeets, M. and S. Manikowski. PREFERENCES ALIMENTAIRES DE *PLOCEUS CUCULLATUS* AU TCHAD. [PREFERRED FOODS OF *PLOCEUS CUCULLATUS* IN CHAD.] *Malimbus* 3(1):41-48. May 1981. In French with English summ. WR 183
[Lab. Ecol. Général & Exp., Place de la Croix du Sud 5, B-1348 Louvain-la-Neuve, Belgium]

81-009134 Dabelsteen, Torben. THE SOUND PRESSURE LEVEL IN THE DAWN SONG OF THE BLACKBIRD *TURDUS MERULA* AND A METHOD FOR ADJUSTING THE LEVEL IN EXPERIMENTAL SONG TO THE LEVEL IN NATURAL SONG. *Z. Tierpsychol.* 56(2):137-149. 1981. In English with German summ. WR 183
[Univ. Zool. Lab., Universitetsparken 15, DK-2100 Copenhagen, Denmark]

81-009135 Davies, S. SKYLARKS AT GIBRALTAR POINT, LINCOLNSHIRE. *Ringing Migration* 3(3):173-180. July 1981. WR 183
[Dep. Philosophy, Univ. Western Australia, Nedlands 6009, Western Australia, Australia] *Alauda arvensis* in England.

81-009136 de la Peña, Martín R. NOTAS NIDOLOGICAS SOBRE PEPITEROS, CARDENALES, ETC. (AVES, EMBERIZIDAE). PRIMERA PARTE. [NIDOLOGICAL OBSERVATIONS ON SOME EMBERIZID BIRDS (AVES, EMBERIZIDAE).] *Hist. Nat. (Mendoza)* 2(1):1-4. 1981. In Spanish with English summ. WR 183
[Simón Iriondo 3218, 3080 Esperanza, Provincia de Santa Fe, Argentina] Data for 5 spp.

81-009137 Dennison, M. D.; B. D. Heather and H. A. Robertson. MIGRATORY MOVEMENT OF SILVEREYES AT FAREWELL SPIT. *Notornis* 28(2):119-120. June 1981. WR 183
Zosterops lateralis.

81-009138 Dhondt, André A. POSTNUPTIAL MOULT OF THE GREAT TIT IN SOUTHERN SWEDEN. *Ornis Scand.* 12(2):127-133. Aug. 1981. WR 183
[Dep. Biol., Univ. Instelling Antwerpen, Universiteitsplein 1, B-2610 Wilrijk, Belgium] *Parus major*.

81-009139 Dickerman, R. W. PRELIMINARY REVIEW OF THE CLAY-COLOURED ROBIN *TURDUS GRAYI* WITH REDESIGNATION OF THE TYPE LOCALITY OF THE NOMINATE FORM AND DESCRIPTION OF A NEW SUBSPECIES. *Bull. Br. Ornithol. Club* 101(2):285-289. June 1981. WR 183
[Dep. Microbiol., Cornell Univ. Med. Coll., 1300 York Ave., New York, NY 10021] *Turdus grayi lanyoni*.

OTHER PASSERINE BIRDS (CONTINUED)

81-009140 Dol'nik, V. R. ENERGY FLOW IN THE ORGANISM AND AN ENERGY MODEL OF HOMOIOTHERMIC ANIMALS. *Sov. J. Ecol. (Engl. Transl. Ékologiya)* 11(6):327-335. July 1981. Translated from Ékologiya No. 6. p. 5-14. Nov.-Dec. 1980. WR 183
[Zool. Inst., Acad. Sci. USSR, Moscow, USSR] *Fringilla coelebs.*

81-009141 Donnelly, B. G. JAMESON'S FIREFINCH CAUGHT IN A SPIDER'S WEB. *Honeyguide* No. 102. p. 34. May 1980. WR 183
[Natl. Mus., P.O. Box 240, Bulawayo, Zimbabwe] *Lagonosticta rhodopareia* in Zimbabwe.

81-009142 Donnelly, B. G. RED-COLLARED WHYDAH IN THE MATOPOS. *Honeyguide* No. 102. p. 34. May 1980. WR 183
[Natl. Mus., P.O. Box 240, Bulawayo, Zimbabwe] *Euplectes ardens.*

81-009143 Dunham, Terry. BREEDING RARE FINCHES. *A.F.A. Watchbird* 7(6):10-11. Dec. 1980/Jan. 1981. WR 183

81-009144 Dunn, Jon. THE IDENTIFICATION OF FEMALE BLUEBIRDS. *Birding* 13(1):4-11. Feb. 1981. WR 183
[17437 Rancho St., Encino, CA 91311] *Sialia* spp.

81-009145 Eckert, Kim. SAY'S PHOEBE SEEN AT FELTON. *Loon* 53(3):163. 1981. WR 183
[9735 North Shore Dr., Duluth, MN 55804] *Sayornis saya* in Minnesota.

81-009146 Elgar, Mark A. and Carla P. Catterall. FLOCKING AND PREDATOR SURVEILLANCE IN HOUSE SPARROWS: TEST OF AN HYPOTHESIS. *Anim. Behav.* 29(3):868-872. Aug. 1981. WR 183
[School. Australian Environ. Studies, Griffith Univ., Brisbane, Queensland, Australia 4111] *Passer domesticus.*

81-009147 Enemar, Anders. FÖRSÖK MED HOLKAR FÖR TRÄDKRYPARE *CERTHIA FAMILIARIS.* [A TRIAL WITH NEST-BOXES FOR THE TREECREEPER *CERTHIA FAMILIARIS.*] *Vår Fågelvärld* 40(4):233-238. 1981. In Swedish with English summ. WR 183
[Zool. Inst., Box 25059, 400 31 Göteborg, Sweden]

81-009148 Etheridge, Brian and Janet Banks. CRESTED TIT LAYING SECOND CLUTCH. *Scott. Birds* 11(7):227-228. 1981. WR 183
Parus cristatus in Scotland.

81-009149 Ficken, Millicent S.; Steve R. Witkin and Charles M. Weise. ASSOCIATIONS AMONG MEMBERS OF A BLACK-CAPPED CHICKADEE FLOCK. *Behav. Ecol. Sociobiol.* 8(4):245-249. July 1981. WR 183
[Dep. Zool., Univ. Wis., Milwaukee 53201] *Parus atricapillus.*

81-009150 Finlayson, J. C. THE MORPHOLOGY OF SARDINIAN WARBLERS *SYLVIA MELANOCEPHALA* AND BLACKCAPS *S. ATRICAPILLA* RESIDENT ON GIBRALTAR. *Bull. Br. Ornithol. Club* 101(2):299-304. June 1981. WR 183
[19 Warspite House, Varyl Begg Estate, Gibraltar]

OTHER PASSERINE BIRDS (CONTINUED)

81-009151 Finnegan, Kathleen. FOOT-PATTING OF THE HERMIT THRUSH. *Redstart* 48(3):104. July 1981. WR 183
[1375-C Central Ave., Harrison, VA 22801] *Hylocichla ustulata* in West Virginia.

81-009152 Fischer, David H. FACTORS AFFECTING THE REPRODUCTIVE SUCCESS OF THE NORTHERN MOCKINGBIRD IN SOUTH TEXAS. *Southwest. Nat.* 26(3):289-293. 21 Aug. 1981. WR 183
[Dep. Range & Wildl. Manage., Tex. Tech Univ., Lubbock 79409] *Mimus polyglottos.*

81-009153 Fiteni, J. FACIAL STAINS IN THE SARDINIAN AND OTHER WARBLERS IN GIBRALTAR. *Il-Merill* No. 21. p. 25. Jan.-Dec. 1980. WR 183
Sylvia melanocephala, Phylloscopus collybita and *Sylvia atricapilla.*

81-009154 Fitzpatrick, John W. SEARCH STRATEGIES OF TYRANT FLYCATCHERS. *Anim. Behav.* 29(3):810-821. Aug. 1981. WR 183
[Field Mus. Nat. Hist., Roosevelt Rd. at Lake Shore Dr., Chicago, IL 60605] Data for 90 spp.

81-009155 Flück, Doris and Hansruedi Flück. FELSENSCHWALBENBRUT (*PTYONOPROGNE RUPESTRIS*) IM SOLOTHURNER JURA. [CRAIG MARTIN *PTYONOPROGNE RUPESTRIS* IN THE SOLOTHURN JURAS.] *Ornithol. Beob.* 78(1):51. Apr. 1981. In German. WR 183

81-009156 Fletcher, John. SOME HISTORICAL NOTES ON THE BAHAMA OR HILL'S NIGHTINGALE. *Gosse Bird Club Broadsheet* No. 36. p. 8-10. Mar. 1981. WR 183
Mimus.

81-009157 Flint, Leslie and Sam Robbins. WORM-EATING WARBLER IN SAUK COUNTY. *Passenger Pigeon* 43(2):1981. WR 183
Helmitheros vermivorus in Wisconsin.

81-009158 Fogert, Ethel. BLUEBIRD NESTING RESULTS. *Tchebec Annu. Rep. 1979* p. 87-88. 1979. WR 183
Sialia sialis in Canada.

81-009159 Frost, P. G. H. and D. P. Cyrus. FIRST RECORDS OF THE GREY WAGTAIL IN SOUTH AFRICA. *Ostrich* 52(2):107. June 1981. WR 183
[Savannas Ecosystem Project, P.O. Boekenhout, South Africa 0561] *Motacilla cinerea.*

81-009160 Furrer, Robert K. SEASONAL CHANGES IN NEST SITE SELECTION OF THE FIELDFARE *TURDUS PILARIS. Ornis Scand.* 11(1):60-64. 1980. WR 183
[Schweizerische Vogelwarte, CH-6204 Sempach, Switzerland]

81-009161 Gatter, Wulf and Hermann Mattes. ZUR POPULATIONSGRÖßE UND ÖKOLOGIE DES NEUENTDECKTEN KABYLENKLEIBERS *SITTA LEDANTI* VIELLIARD 1976. [POPULATION SIZE AND BIOLOGY OF THE NEWLY-DISCOVERED KABYLIAN NUTHATCH *SITTA LEDANTI* VIELLIARD 1976.] *J. Ornithol.* 120(4):390-405. 1979. In German with English summ. WR 183

OTHER PASSERINE BIRDS (CONTINUED)

81-009162 Gauci, Charles and Joe Sultana. BREEDING BIOLOGY OF THE SARDINIAN WARBLER. *Il-Merill* No. 21. p. 1-8. Jan.-Dec. 1980. WR 183
Sylvia melanocephala.

81-009163 Gauci, Charles and Joe Sultana. THE MOULT OF THE FAN-TAILED WARBLER. *Bird Study* 28(2):77-86. July 1981. WR 183
[The Ornithol. Soc., P.O. Box 498, Valletta, Malta] *Cisticola juncidis* in Malta.

81-009164 Gauntlett, F. M. BACK PATTERN OF OLIVE-BACKED PIPIT. *Br. Birds* 74(6):268. June 1981. WR 183
[55 Larkfield Ave., Kenton, Harrow, Middlesex HA3 8NQ, England] *Anthus hodgsoni.*

81-009165 Gibson, L. BREEDING HARDWICKE'S CHLOROPSIS *CHLOROPSIS HARDWICKEI. Avic. Mag.* 87(2):70-89. Apr.-June 1981. WR 183
[Burnaby, British Columbia, Canada]

81-009166 Gibson, L. OBSERVATIONS ON CHLOROPSIS. *Avic. Mag.* 87(1):34-50. Jan.-Mar. 1981. WR 183
[Burnaby, British Columbia, Canada] *Chloropsis aurifrons* and *C. hardwickei.*

81-009167 Gish, Sheri Lynn and Eugene S. Morton. STRUCTURAL ADAPTATIONS TO LOCAL HABITAT ACOUSTICS IN CAROLINA WREN SONGS. *Z. Tierpsychol.* 56(1):74-84. 1981. In English with German summ. WR 183
[Natl. Zool. Park, Washington, DC 20008] *Thryothorus ludovicianus* in Florida and Maryland.

81-009168 Goetz, Ellen J. NESTING RED CROSSBILLS IN ROCKINGHAM COUNTY, WEST VIRGINIA. *Redstart* 48(3):90-92. July 1981. WR 183
[1375 A Central Ave., Harrison, VA 22801] *Loxia curvirostra minor.*

81-009169 Grüll, Alfred. UNTERSUCHUNGEN ÜBER DAS REVIER DER NACHTIGALL (*LUSCINIA MEGARHYNCHOS*). [INVESTIGATIONS ON THE TERRITORY OF THE NIGHTINGALE (*LUSCINIA MEGARHYNCHOS*).] *J. Ornithol.* 122(3):259-285. July 1981. In German with English summ. WR 183
[Biol. Stn. Neusiedlersee, A-7142 Illmitz, Austria]

81-009170 Grant, P. R. PATTERNS OF GROWTH IN DARWIN'S FINCHES. *Proc. R. Soc. Lond. B Biol. Sci.* 212(1189):403-432. 19 Aug. 1981. WR 183
[Div. Biol. Sci., Univ. Mich., Ann Arbor 48109] "Nestling growth was studied in six species of Darwin's finches, and in two subspecies of one of them, on four islands of the Galápagos archipelago."

81-009171 Grant, P. R. THE FEEDING OF DARWIN'S FINCHES ON *TRIBULUS CISTOIDES* (L.) SEEDS. *Anim. Behav.* 29(3):785-793. Aug. 1981. WR 183
[Div. Biol. Sci., Univ. Mich., Ann Arbor 48109] *Geospiza magnirostris* and *G. fortis* in Galapagos Islands.

81-009172 Green, Janet C. MINNESOTA DOES HAVE A SPECIMEN OF MACGILLIVRAY'S WARBLER. *Loon* 53(2):109-110. 1981. WR 183
[10550 Old N. Shore Rd., Duluth, MN 55804] *Oporonis tolmei.*

OTHER PASSERINE BIRDS (CONTINUED)

81-009173 Grumbley, Tom. SUNBIRDS AT KIZEMBE ESTATE, UPPER KIAMBU. *EANHS (East Afr. Nat. Hist. Soc.) Bull.* p. 64-65. July-Aug. 1981. WR 183
[P.O. Box 200, Kiambu, Kenya] Data for 7 spp. of *Nectarinia* in Kenya.

81-009174 Hadnagy, Béla. SZÜRKE LÉGYKAPÓ *MUSCICAPA STRIATA* FÉSZKELÉSE SZEGEDEN, MÁSODIK EMELETEN. [SPOTTED FLYCATCHER *MUSCICAPA STRIATA* WAS NESTING SUCCESSFUL.] *Tiscia (Szeged)* 9(suppl. 3):13-14. 1980. In Hungarian with English summ. WR 183

81-009175 Hall, George A. FALL MIGRATION PATTERNS OF WOOD WARBLERS IN THE SOUTHERN APPALACHIANS. *J. Field Ornithol.* 52(1):43-49. 1981. WR 183
[Dep. Chem., W. Va. Univ., Morgantown 26506] Analysis of 12 of the 33 spp. observed.

81-009176 Hamilton, Neil. BREEDING THE WELCOME SWALLOW *HIRUNDO NEOXENA* AND THE FAIRY MARTIN *PETROCHELIDON ARIEL* IN CAPTIVITY. *Avic. Mag.* 87(1):3-5. Jan.-Mar. 1981. WR 183
[Taronga Zool., Sydney, New South Wales, Australia]

81-009177 Hamilton, Neil. BREEDING THE FLAME ROBIN IN CAPTIVITY. *Avic. Mag.* 87(2):90-92. Apr.-June 1981. WR 183
[Taronga Zoo, Sydney, New South Wales, Australia] *Petroica phoenicea.*

81-009178 Handford, Paul. VEGETATIONAL CORRELATES OF VARIATION IN THE SONG OF *ZONOTRICHIA CAPENSIS. Behav. Ecol. Sociobiol.* 8(3):203-206. June 1981. WR 183
[Zool. Dep., Univ. Western Ontario, London, Ontario, Canada N6A 5B7]

81-009179 Harris, Arthur F., Jr. KINGBIRD NEST ON WOODEN PILING. *Raven* 50(3):54-55. Sept. 1979. WR 183
[Va. Inst. Marine Sci., Gloucester Point 23062] *Tyrannus tyrannus* in Virginia.

81-009180 Hashiguchi, Daisuke and Satoshi Yamagishi. [DISPERSION PATTERN AND TERRITORIAL BEHAVIOR OF THE WINTERING BROWN DIPPER, *CINCLUS PALLASII.*] *Jpn. J. Ecol.* 31(2):161-170. June 1981. In Japanese with English summ. WR 183
[Dep. Biol., Fac. Sci., Osaka City Univ., Osaka 558, Japan]

81-009181 Hein, Andreas. ERSTER BRUTNACHWEIS DES SCHWARZKEHLCHENS (*SAXICOLA TORQUATA*) IM WITTGENSTEINER LAND. [FIRST BREEDING REPORT OF THE STONECHAT *SAXICOLA TORQUATA* IN THE WITTGENSTEINER AREA.] *Charadrius* 17(2):75. 1981. In German. WR 183
[Zum Wellerstal 27, 5927 Erndtebrück, West Germany]

81-009182 Heinemann, Dennis. SONG DIALECTS, MIGRATION, AND POPULATION STRUCTURE OF PUGET SOUND WHITE-CROWNED SPARROWS. *Auk* 98(3):512-521. July 1981. WR 183
[Dep. Biol., Univ. N. Mex., Albuquerque 87131] *Zonotrichia leucophrys pugetensis.*

81-009183 Heinen, Willi. DRITTER NACHWEIS DES SCHLAGSCHWIRLS (*LOCUSTELLA FLUVIATILIS*) FÜR DAS RHEINLAND. [THIRD REPORT ON THE RIVER WARBLER *LOCUSTELLA FLUVIATILIS* FOR RHINELAND.] *Charadrius* 17(2):71-72. 1981.

OTHER PASSERINE BIRDS (CONTINUED)

81-009183 CONTINUED In German. WR 183
[Peltzerstraße 15, 405 Mönchengladbach 4, West Germany]

81-009184 Helle, Pekka and Veli Kauppinen. HÖMÖTIAISEN *PARUS MONTANUS* PÄIVITTÄISESTÄ PAINONMUUTOKSESTA TALVELLA. [ON THE DAILY VARIATION IN BODY WEIGHT OF THE WILLOW TIT, *PARUS MONTANUS*.] *Lintumies* 15:108-113. 1980. In Finnish with English summ. WR 183

81-009185 Herlugson, Christopher J. NEST SITE SELECTION IN MOUNTAIN BLUEBIRDS. *Condor* 83(3):252-255. Aug. 1981. WR 183
[Dep. Zool., Wash. State Univ., Pullman 99164] *Sialia currucoides* in Washington.

81-009186 Herrera, Carlos M. FRUIT FOOD OF ROBINS WINTERING IN SOUTHERN SPANISH MEDITERRANEAN SCRUBLAND. *Bird Study* 28(2):115-122. July 1981. WR 183
[Estación Biol. Doñana, C/Paraguay 1-2, Seville-12, Spain] *Erithacus rubecula*.

81-009187 Herrera, Carlos M. COMBINATION RULES AMONG WESTERN EUROPEAN *PARUS* SPECIES. *Ornis Scand.* 12(2):140-147. Aug. 1981. WR 183
[Biol. Stn. Doñana, Seville 12, Spain] Data for 6 spp.

81-009188 Heyne, Karl-Heinz. ERSTER NACHWEIS DES SEIDENSÄNGERS (*CETTIA CETTI*) FÜR RHEINLAND-PFALZ. [FIRST REPORT OF CETTI'S WARBLER *CETTIA CETTI* FOR RHEINLAND-PFALZ.] *Charadrius* 17(2):72-73. 1981. In German. WR 183
[Karthäuserstraße 75, 5503 Konz, West Germany]

81-009189 Hoffman, Ken and Molly Hoffman. LAZULI BUNTING AT GRAND MARAIS. *Loon* 53(3):162-163. 1981. WR 183
[Gunflint Trail, Box 58, Grand Marais, MN 55604] *Passerina amoena* in Minnesota.

81-009190 Hopper, Stephen D. HONEYEATERS AND THEIR WINTER FOOD PLANTS ON GRANITE ROCKS IN THE CENTRAL WHEATBELT OF WESTERN AUSTRALIA. *Aust. Wildl. Res.* 8(1):187-197. 1981. WR 183
[Western Australian Wildl. Res. Cent., P.O. Box 51, Wanneroo, Western Australia, Australia 6065] *Lichmera indistincta*, *Phylidonyris albifrons*, *Phylidonyris novaehollandiae*, *Anthochaera carunculata* and *Anthochaera rufogularis*.

81-009191 Hughes, J. M. and P. B. Mather. A NOTE ON MAGPIE BACK COLOURS. *Sunbird* 11(2):42-43. June 1980. WR 183
[A.E.S. Griffith Univ., Nathan, Queensland 4111, Australia] *Gymnorhina tibicen*.

81-009192 Hultsch, Henrike and Dietmar Todt. REPERTOIRE SHARING AND SONG-POST DISTANCE IN NIGHTINGALES (*LUSCINIA MEGARHYNCHOS* B.). *Behav. Ecol. Sociobiol.* 8(3):183-188. June 1981. WR 183
[Abt. Verhaltensbiol., Inst. Allgemeine Zool., Freie Univ. Berlin, Haderslebener Straße 9, D-1000 Berlin 41, West Germany]

OTHER PASSERINE BIRDS (CONTINUED)

81-009193 Husmann, Kenneth H. ROUGH-WINGED SWALLOWS NEST IN BUILDING. *S.D. Bird Notes* 33(3):59. Sept. 1981. WR 183
[Brookings, SD 57006] *Stelgidopteryx ruficollis* in South Dakota.

81-009194 Hussell, David J. T. MIGRATIONS OF THE LEAST FLYCATCHER IN SOUTHERN ONTARIO. *J. Field Ornithol.* 52(2):97-111. 1981. WR 183
[Long Point Bird Observatory, P.O. Box 160, Port Rowan, Ontario N0E 1M0, Canada] *Empidonax minimus* in Canada.

81-009195 Ingold, James L. DEFENSE OF BREEDING TERRITORIES IN THE WHITE-BREASTED NUTHATCH. *Passenger Pigeon* 43(2):41-42. 1981. WR 183
Sitta carolinensis in Wisconsin.

81-009196 Irvin, E. Wayne and John Conners. SPECIMEN RECORD OF A SMITH'S LONGSPUR FROM CHATHAM COUNTY, N.C. *Chat* 45(2):46. 1981. WR 183
[N.C. State Mus. Nat. Hist., Raleigh] *Calcarius picta.*

81-009197 Ivanitsky, V. V. [THE SPACE-ETHOLOGICAL STRUCTURE OF *OENANTHE ISABELLINA* POPULATIONS IN DIFFERENT PARTS OF AREA.] *Biol. Nauki (Mosc.)* 1981(7):53-58. 1981. In Russian. WR 183

81-009198 Ivanitzky, V. V. [COMMUNICATION AND BEHAVIOUR OF *OENANTHE ISABELLINA* (TURDIDAE, AVES) DURING THE PERIOD OF MATING.] *Zool. Zh.* 60(8):1212-1221. August. 1981. In Russian with English summ. WR 183
[Biol. Fac., State Univ. Moscow, Moscow, USSR]

81-009199 Järvi, Torbjörn; Birgitta Sillén-Tullberg and Christer Wiklund. THE COST OF BEING APOSEMATIC. AN EXPERIMENTAL STUDY OF PREDATION ON LARVAE OF *PAPILIO MACHAON* BY THE GREAT TIT *PARUS MAJOR. Ornis Scand.* 12(2):124. Aug. 1981. WR 183
[Inst. Zool., Univ. Trondheim, N-7000 Rosenborg, Trondheim, Norway]

81-009200 Järvi, Torbjörn; Birgitta Sillén-Tullberg and Christer Wiklund. THE COST OF BEING APOSEMATIC. AN EXPERIMENTAL STUDY OF PREDATION ON LARVAE OF *PAPILIO MACHAON* BY THE GREAT TIT *PARUS MAJOR. Oikos* 36(3):267-272. Mar. 1981. In English with Russian summ. WR 183
[Dep. Zool., Univ. Stockholm, Box 6801, S-113 86 Stockholm, Sweden]

81-009201 Janssen, Robert B. GRAY-CROWNED ROSY FINCH IN MINNETONKA. *Loon* 53(2):117. 1981. WR 183
[10521 S. Cedar Lake Rd., Minnetonka, MN 55343] *Leucosticte tephrocotis* in Minnesota.

81-009202 Janssen, Robert B. AN EARLY WESTERN TANAGER. *Loon* 53(3):169. 1981. WR 183
[10521 S. Cedar Lake Rd. #212, Minnetonka, MN 55343] *Piranga ludoviciana* in Minnesota.

81-009203 Jenni, Lukas. ZWEITER NACHWEIS DES SPROSSERS *LUSCINIA LUSCINIA* IN DER SCHWEIZ. [SECOND REPORT OF THRUSH NIGHTINGALE *LUSCINIA LUSCINIA* FOR SWITZERLAND.] *Ornithol. Beob.* 78(1):52-53. Apr. 1981. In German. WR 183
[Schweizerische Vogelwarte, Sempach, Switzerland]

OTHER PASSERINE BIRDS (CONTINUED)

81-009204 Johnson, Alice. SUMMER TANAGER AT FRONTENAC. *Loon* 53(3):170. 1981. WR 183
[1300 Galtier, St. Paul, MN 55117] *Piranga rubra* in Minnesota.

81-009205 Johnson, David H. "DJ". EARLY BLACK-THROATED BLUE WARBLER. *Loon* 53(3):166. 1981. WR 183
[DNR Forestry, Box 113, Park Rapids, MN 56470] *Dendroica caerulescens* in Minnesota.

81-009206 Johnston, Richard F. and Robert C. Fleischer. OVERWINTER MORTALITY AND SEXUAL SIZE DIMORPHISM IN THE HOUSE SPARROW. *Auk* 98(3):503-511. July 1981. WR 183
[Mus. Nat. Hist., Univ. Kans., Lawrence 66045] *Passer domesticus* in Kansas.

81-009207 Johnston, Richard F. SEASONAL VARIATION IN PLUMAGE COLORS IN HOUSE SPARROWS. *J. Field Ornithol.* 52(2):127-133. 1981. WR 183
[Mus. Nat. Hist., Univ. Kans., Lawrence 66045] *Passer domesticus* in Kansas and Colorado.

81-009208 Juon, Maria and Wolfram Bürkli. KARMINGIMPEL *CARPODACUS ERYTHRINUS* IM OBERENGADIN, GRAUBÜNDEN. [SCARLET GROSBEAK *CARPODACUS ERYTHRINUS* IM OBERENGADIN, GRAUBÜNDEN. [SWITZERLAND].] *Ornithol. Beob.* 78(1):54-55. Apr. 1981. In German. WR 183

81-009209 Kantrud, Harold A. and Craig A. Faanes. RANGE EXPANSION OF BAIRD'S SPARROW IN SOUTH DAKOTA. *Prairie Nat.* 11(4):111-112. Dec. 1979. WR 183
[U.S. Fish Wildl. Serv., Northern Prairie Wildl. Res. Cent., Jamestown, ND 58401] *Ammodramus bairdii*.

81-009210 Katz, Y. B. and I. K. Vilks. [THE ROLE OF DISTRIBUTION OF ILLUMINATION IN THE STELLAR PICTURE IN A PLANETARIUM FOR THE ORIENTATION OF REDBREASTS ROBINS (*ERITHACUS RUBECULA*) IN ROUND CAGES.] *Zool. Zh.* 60(8):1222-1230. Aug. 1981. In Russian with English summ. WR 183
[Inst. Biol., Acad. Sci. Latvian SSR, Salaspils, USSR]

81-009211 Kelemen, Lehel. FIAIT NAPRAFORGÓMAGGAL ETETÖ SZÉNCINEGE *PARUS MAIOR*. [GREAT TIT *PARUS MAIOR* FEEDING ITS NESTLING WITH SUNFLOWER SEEDS.] *Tiscia (Szeged)* 9(suppl. 3):17-18. 1980. In Hungarian with English summ. WR 183

81-009212 Kelley, Katharine; Margaret Boyd; Roger Boyd and Calvin Cink. PURPLE FINCH RETURNS--WINTER 1980-1981--BALDWIN CITY, KANSAS. *Inl. Bird Banding* 53(1):14. 1981. WR 183
[Box 43, Baldwin City, KS 66006] *Carpodacus purpureus*.

81-009213 Kent, Thomas H. SMITH'S LONGSPUR IN IOWA. *Iowa Bird Life* 51(2):53-55. June 1981. WR 183
[211 Richards St., Iowa City, IA 52240] *Calcarius pictus*.

81-009214 Khayutin, S. N. and L. P. Dmitrieva. [SENSORY ORGANIZATION OF NEST BEHAVIOUR IN *PARUS MAJOR* (AVES).] *Zool. Zh.* 58(12):1835-1847. Dec. 1979. In Russian with English summ. WR 183

OTHER PASSERINE BIRDS (CONTINUED)

81-009214 CONTINUED
[Inst. Higher Nervous Activity & Neurophysiol., USSR Acad. Sci., Moscow, USSR]

81-009215 Kilham, Lawrence. AGONISTIC BEHAVIOR OF THE WHITE-BREASTED NUTHATCH. *Wilson Bull.* 93(2):271-274. June 1981. WR 183
[Dep. Microbiol., Dartmouth Med. School, Hanover, NH 03755] *Sitta carolinensis* in Maryland and New Hampshire.

81-009216 Kneeskern, Ron and Rose Kneeskern. SHORT-BILLED MARSH WREN IN JANUARY. *Loon* 53(2):110. 1981. WR 183
[1208 5th St., N.W., Austin, MN 55912] *Cistothorus platensis* in Minnesota.

81-009217 Kneeskern, Ron. WORM-EATING WARBLER AT AUSTIN. *Loon* 53(3):172. 1981. WR 183
[1208 5th St. NW, Austin, MN 55912] *Helmitheros vermivorus* in Minnesota.

81-009218 Koenig, Darwin. A YELLOW-THROATED WARBLER NEST IN IOWA. *Iowa Bird Life* 51(3):104-105. Sept. 1981. WR 183
[Box 389, Montezuma, IA 50171] *Dendroica dominica.*

81-009219 Krebs, John R.; Ruth Ashcroft and Karl Van Orsdol. SONG MATCHING IN THE GREAT TIT *PARUS MAJOR* L. *Anim. Behav.* 29(3):918-923. Aug. 1981. WR 183
[Edward Grey Inst., Zool. Dep., South Parks Rd., Oxford OX1 3PS, England]

81-009220 Kricher, John C. RANGE EXPANSION OF THE TUFTED TITMOUSE (*PARUS BICOLOR*), IN MASSACHUSETTS. *Am. Birds* 35(4):750-753. July 1981. WR 183
[Biol. Dep., Wheaton Coll., Norton, MA 02766]

81-009221 Kroll, James C. HABITAT REQUIREMENTS OF THE GOLDEN-CHEEKED WARBLER: MANAGEMENT IMPLICATIONS. *J. Range Manage.* 33(1):60-65. Jan. 1980. WR 183
[School For., Stephen F. Austin State Univ., Nacogdoches, TX 75962] *Dendroica chrysoparia* in Texas.

81-009222 Kurtz, N. K. NOTES ON THE NESTING BEHAVIOUR OF THE YELLOW-RUMPED THORNBILL IN THE MUDGEE DISTRICT. *Aust. Birds* 15(4):58-62. June 1981. WR 183
[Balmoral, R.M.B. 4, Wollar Rd., Mudgee, New South Wales 2850, Australia] *Acanthiza chrysorohoa* in Australia.

81-009223 Löhrl, Hans. TAGESAKTIVITÄT, NESTBAUMETHODE UND BRUTVERHALTEN DES HONIGSAUGERS *NECTARINIA (AIDEMONIA) KILIMENSIS* IN ZENTRALAFRIKA. [DAY-TIME ACTIVITY, NEST-BUILDING METHOD AND BREEDING BEHAVIOUR OF BRONZE SUNBIRD *NECTARINIA (AIDEMONIA) KILIMENSIS* IN CENTRAL AFRICA.] *J. Ornithol.* 120(4):441-450. 1979. In German with English summ. WR 183

OTHER PASSERINE BIRDS (CONTINUED)

81-009224 Löhrl, Hans. VERHALTENSMERKMALE DER FAMILIE REMIZIDAE (BEUTELMEISEN). [BEHAVIOURAL CHARACTERISTICS OF THE FAMILY REMIZIDAE (PENDULINE TITS).] *J. Ornithol.* 122(3):307-309. July 1981. In German with English summ. WR 183
[Edelweiler, D-7293 Pfalzgrafenweiler 2, West Germany] *Auriparus* spp. and *Cephalopyrus* spp.

81-009225 Lévêque, Raymond. KARMINGIMPEL *CARPODACUS ERYTHRINUS* IM PUSCHLAV, GRAUBÜNDEN. [SCARLET GROSBEAK *CARPODACUS ERYTHRINUS* IN PUSCHLAV, GRAUBÜNDEN [SWITZERLAND].] *Ornithol. Beob.* 78(1):53-54. Apr. 1981. In German. WR 183
[Schweizerische Vogelwarte, Sempach, Switzerland]

81-009226 La Fond, Ken. CAROLINA WREN AT DULUTH. *Loon* 53(3):173. 1981. WR 183
[11008 Jefferson St. N.E., Blaine, MN 55434] *Thryothorus ludovicianus* in Minnesota.

81-009227 Lambeth, Sharon O. and David O. Lambeth. NESTING RECORDS OF THE WOOD THRUSH IN NORTH DAKOTA. *Prairie Nat.* 11(4):113-114. Dec. 1979. WR 183
[1909 20th Ave. S., Grand Forks, ND 58201] *Hylocichla mustelina*.

81-009228 Larner, YuLee R. WHITE-WINGED CROSSBILLS IN SHENANDOAH VALLEY. *Raven* 50(4):70-71. Dec. 1979. WR 183
[1020 West Beverley St., Staunton, VA 24401] *Loxia leucoptera* in Virginia.

81-009229 Laughlin, Thomas F. and Rick A. Phillips. PROBABLE FIRST NESTING OF THE HOUSE FINCH IN TENNESSEE. *Migrant* 52(1):19. Mar. 1981. WR 183
[Rt. 1, Kingsport, TN 37660] *Carpodacus mexicanus*.

81-009230 LeGrand, Edmund. FIRST RECORD OF VERMILION FLYCATCHER IN NORTH CAROLINA. *Chat* 45(2):45. 1981. WR 183
[PSC Box 1572, K.I. Sawyer Air Force Base, MI 49843] *Pyrocephalus rubinus*.

81-009231 Limbert, Martin. BRITISH RECORDS OF THE NORTHERN WILLOW TIT. *Naturalist (Leeds)* 106(957):75-76. Apr.-June 1981. WR 183
[Mus. & Art Gallery, Doncaster, England] *Parus montanus borealis*.

81-009232 Lowe, P. BREEDING THE OLIVE OR CAPE THRUSH *TURDUS OLIVACEUS OLIVACEUS* AT THE WEST COUNTRY WILDLIFE PARK, CRICKET ST. THOMAS (CHARD, SOMERSET). *Avic. Mag.* 87(2):98. Apr.-June 1981. WR 183
[West Country Wildl. Park, Cricket St. Thomas, Chard, Somerset, England]

81-009233 Lynch, J. Merrill. STATUS OF THE CERULEAN WARBLER IN THE ROANOKE RIVER BASIN OF NORTH CAROLINA. *Chat* 45(2):29-35. 1981. WR 183
[N.C. Natural Heritage Program, P.O. Box 27687, Raleigh 27611] *Dendroica cerulea*.

81-009234 Madge, Steve and Donald Parr. THE FIELD IDENTIFICATION OF THE ARABIAN WARBLER. *Sandgrouse* No. 2. p. 103-106. 1981. WR 183
[1 Caudle Hill, Fairburn, Knottingley, West Yorkshire WF11 9JQ, England] *Sylvia leucomelaena*.

OTHER PASSERINE BIRDS (CONTINUED)

81-009235 Mahle, Wynn and Don Mahle. YELLOW-RUMPED WARBLERS WINTER IN WABASHA COUNTY. *Loon* 53(2):114-115. 1981. WR 183
[Rt. 1, Wabasha, MN 55981] *Dendroica* sp. in Minnesota.

81-009236 Manson, C. and A. J. Manson. SOME NOTES AND A PRELIMINARY ANALYSIS OF RINGING DATA ON THE FOREST PRINIA. *Honeyguide* No. 102. p. 12-14. May 1980. WR 183
["Seldomseen", P.O. Box 812, Umtali, Zimbabwe] *Prinia subflava* and *P. robertsi*.

81-009237 Marler, Peter and Susan Peters. SPARROWS LEARN ADULT SONG AND MORE FROM MEMORY. *Science* 213(4509):780-782. 14 Aug. 1981. WR 183
[Field Res. Cent. Ecol. & Ethol., Rockefeller Univ., Millbrook, NY 12545] *Melospiza georgiana*.

81-009238 Martens, Jochen. LAUTÄUßERUNGEN DER BAUMLÄUFER DES HIMALAYA UND ZUR AKUSTISCHEN EVOLUTION IN DER GATTUNG *CERTHIA*. [VOCALIZATIONS OF HIMALAYAN CREEPERS AND THE ACOUSTIC EVOLUTION IN THE GENUS *CERTHIA*.] *Behaviour* 77(4):287-318. 1981. In German with English summ. WR 183
[Inst. Zool., Johannes Gutenberg Univ., Mainz, West Germany] *Certhia discolor*, *C. nipalensis*, *C. himalayana* and *C. familiaris*.

81-009239 Martins, Rodney P. RÜPPELL'S WARBLER: NEW TO BRITAIN AND IRELAND. *Br. Birds* 74(7):279-283. July 1981. WR 183
[55 Caistor Lane, Caistor St. Edmund, Norwich, Norfolk NR14 8RB, England] *Sylvia rueppelli*.

81-009240 McGillivray, W. Bruce. CLIMATIC INFLUENCES ON PRODUCTIVITY IN THE HOUSE SPARROW. *Wilson Bull.* 93(2):196-206. June 1981. WR 183
[Mus. Nat. Hist., Univ. Kans., Lawrence 66045] *Passer domesticus* in Canada.

81-009241 McGillivray, W. Bruce. COMMUNAL NESTING IN THE HOUSE SPARROW. *J. Field Ornithol.* 51(4):371-372. 1980. WR 183
[Mus. Nat. Hist., Univ. Kans., Lawrence 66045] *Passer domesticus* in Canada.

81-009242 McNicholl, Martin K. ROCK WREN NEST AT LAKE DIEFENBAKER, SASKATCHEWAN. *Blue Jay* 39(3):166-167. Sept. 1981. WR 183
[128 Silvergrove Hill N.W., Calgary, Alberta T3B 4Z5, Canada] *Salpinctes obsoletus*.

81-009243 Merilä, Eino. LEPPÄLINNUN (*PHOENICURUS PHOENICURUS*) AVOPESÄ KUUSESSA. [THE REDSTART (*PHOENICURUS PHOENICURUS*) NESTING IN A SPRUCE.] *Aureola* 5:28. 1980. In Finnish with English summ. WR 183

81-009244 Merilä, Eino. TAVIOKUURNAPARIN KIINTYMYS. [AN AUTUMNAL PAIR-BOND OF THE PINE GROSBEAK (*PINICOLA ENUCLEATOR*).] *Aureola* 5:82. 1980. In Finnish with English summ. WR 183

81-009245 Merilä, Eino. PUNARINTA PESI RAKENNUKSESSA. [ROBIN (*ERITHACUS RUBECULA*) NESTING IN A BUILDING.] *Aureola* 5:45. 1980. In Finnish with English summ. WR 183

OTHER PASSERINE BIRDS (CONTINUED)

81-009246 Millard, Steve. NESTING ATTEMPT BY BLUE-GRAY GNATCATCHERS IN ROCK COUNTY. *Loon* 53(3):167. 1981. WR 183
[617 E. Cavour, Fergus Falls, MN 56537] *Polioptila caerulea* in Minnesota.

81-009247 Minot, Edward O. EFFECTS OF INTERSPECIFIC COMPETITION FOR FOOD IN BREEDING BLUE AND GREAT TITS. *J. Anim. Ecol.* 50(2):375-385. June 1981. WR 183
[Dep. Botany & Zool., Massey Univ., Palmerston North, New Zealand] *Parus caeruleus* and *P. major* in England.

81-009248 Moore, Francis L. and Robert K. Myers. EASTERN IOWA LARK BUNTING. *Iowa Bird Life* 51(3):105. Sept. 1981. WR 183
[264 Western Ave., Waterloo, IA] *Calamospiza melanocorys*.

81-009249 Moore, Terry S. CLAY-COLORED SPARROW BANDED ON JEKYLL ISLAND. *Oriole* 45(1):20. Mar. 1980. WR 183
[2699 Twiggs Circle, Marietta, GA 30067] *Spizella pallida* in Georgia.

81-009250 Moore, Terry S. WINTER RECORD FOR TENNESSEE WARBLER IN COBB COUNTY. *Oriole* 45(1):21. Mar. 1980. WR 183
[2699 Twiggs Circle, Marietta, GA 30067] *Vermivora peregrina* in Georgia.

81-009251 Morrison, Michael L. THE STRUCTURE OF WESTERN WARBLER ASSEMBLAGES: ANALYSIS OF FORAGING BEHAVIOR AND HABITAT SELECTION IN OREGON. *Auk* 98(3):578-588. July 1981. WR 183
[Oreg. Coop. Wildl. Res. Unit, Oreg. State Univ., Corvallis 97331] *Oporornis tolmiei*, *Vermivora celata* and *Wilsonia pusilla*.

81-009252 Morrison, Michael L. POPULATION TRENDS OF THE LOGGERHEAD SHRIKE IN THE UNITED STATES. *Am. Birds* 35(4):754-757. July 1981. WR 183
[Dep. Fisheries & Wildl., Oreg. State Univ., Corvallis 97331] *Lanius ludovicianus*.

81-009253 Mukherjee, Phillippa. A CURIOUS ACCIDENT TO THE NEST OF A SUNBIRD. *J. Bombay Nat. Hist. Soc.* 78(1):170-171. Apr. 1981. WR 183
[13 Retreat Apts., Saraswati Rd., Santacruz (West), Bombay-400 054, India] *Aethopyga siparaja* in India.

81-009254 Munro, Hugh L.; Donita H. Munro and Richard C. Rounds. FERTILITY OF ALBINISTIC EGGS OF MOUNTAIN BLUEBIRDS. *Auk* 98(1):181-182. Jan. 1981. WR 183
[Dep. Geogr., Brandon Univ., Brandon, Manitoba, Canada R7A 6A9] *Sialia currocoides* in Canada.

81-009255 Nagy, Imre. A HÁZI ROZSDAFARKU *PHOENICURUS OCHRUROS* URBANIZÁLÓDÁSA. [URBANISATION OF THE BLACK REDSTART *PHOENICURUS OCHRUROS*.] *Tiscia (Szeged)* 9(suppl. 3):13. 1980. In Hungarian with English summ. WR 183

81-009256 Nagy, Imre. HÁZI VERÉB *PASSER DOMESTICUS* FÉSZKELÉSE FENYÖFA CSUCSÁN. [NESTING OF HOUSE SPARROW *PASSER DOMESTICUS* ON A PINE.] *Tiscia (Szeged)* 9(suppl. 3):14. 1980. In Hungarian with English summ. WR 183

OTHER PASSERINE BIRDS (CONTINUED)

81-009257 Nelson, Warren. JULY SIGHTING OF A BLACKPOLL WARBLER IN AITKIN COUNTY. *Loon* 53(3):175. 1981. WR 183
[603 2nd St. N.W., Aitkin, MN 56431] *Dendroica striata* in Minnesota.

81-009258 Neuschulz, Frank. BRUTBIOLOGIE EINER POPULATION DER SPERBERGRASMÜCKE (*SYLVIA NISORIA*) IN NORDDEUTSCHLAND. [THE BIOLOGY OF A POPULATION OF BARRED WARBLERS (*SYLVIA NISORIA*) IN NORTH GERMANY.] *J. Ornithol.* 122(3):231-257. July 1981. In German with English summ. WR 183
[Gartenstraße 7, D-3131 Gorleben, West Germany]

81-009259 Nielsen, Gary E. HOODED WARBLER IN CASS COUNTY, NORTH DAKOTA. *Prairie Nat.* 13(2):41. June 1981. WR 183
[237 Forest Ave., Fargo, ND 58102] *Wilsonia citrina*.

81-009260 Noordwijk, A. J. van; J. H. van Balen and W. Scharloo. GENETIC AND ENVIRONMENTAL VARIATION IN CLUTCH SIZE OF THE GREAT TIT (*PARUS MAJOR*). *Neth. J. Zool.* 31(2):342-372. June 1981. WR 183
[Dep. Population & Evol. Biol., Univ. Utrecht, Utrecht, Netherlands]

81-009261 Norman, S. C. A STUDY OF POST-JUVENILE MOULT IN WILLOW WARBLERS. *Ringing Migration* 3(3):165-172. July 1981. WR 183
[62 Birkdale Rd., Errington Park, New Marske, Cleveland TS11 8JB, England] *Phylloscopus trochilus*.

81-009262 Olson, Storrs L. THE NATURE OF THE VARIABILITY IN THE VARIABLE SEEDEATER IN PANAMA (*SPOROPHILA AMERICANA*: EMBERIZINAE). *Proc. Biol. Soc. Wash.* 94(2):380-390. 20 July 1981. WR 183
[Natl. Mus. Natl. Hist., Smithsonian Inst., Washington, DC 20560]

81-009263 Olson, Storrs L. A REVISION OF THE SUBSPECIES OF *SPOROPHILA ("ORYZOBORUS") ANGOLENSIS* (AVES: EMBERIZINAE). *Proc. Biol. Soc. Wash.* 94(1):43-51. 19 May 1981. WR 183
[Natl. Mus. Nat. Hist., Smithsonian Inst., Washington, DC 20560]

81-009264 Olson, Storrs L. A REVISION OF THE NORTHERN FORMS OF *EUPHONIA XANTHOGASTER* (AVES: THRAUPIDAE). *Proc. Biol. Soc. Wash.* 94(1):101-106. 19 May 1981. WR 183
[Natl. Mus. Nat. Hist., Smithsonian Inst., Washington, DC 20560]

81-009265 Opengari, Bill J. HENSLOW'S SPARROWS IN ALLEGHANY COUNTY. *Raven* 51(1):15. Mar. 1980. WR 183
[Rt. 1, Box 491, Daleville, VA 24083] *Ammodramus henslowii* in Virginia.

81-009266 Orell, Markku and Mikko Ojanen. OVERLAP BETWEEN BREEDING AND MOULTING IN THE GREAT TIT *PARUS MAJOR* AND WILLOW TIT *P. MONTANUS* IN NORTHERN FINLAND. *Ornis Scand.* 11(1):43-49. 1980. WR 183
[Dep. Zool., Univ. Oulu, Kasarmintie 8, SF-90100, Oulu 10, Finland]

81-009267 Oren, David C. and Nigel J. H. Smith. NOTES ON THE STATUS OF THE COMMON AFRICAN WAXBILL IN AMAZONIA. *Wilson Bull.* 93(2):281-282. June 1981. WR 183

OTHER PASSERINE BIRDS (CONTINUED)

81-009267 CONTINUED
[Dep. Biol., Harvard Univ., Cambridge, MA 02138] *Estrilda astrild* in Brazil.

81-009268 Orenstein, Ronald I. and Jon C. Barlow. VARIATION IN THE JAW MUSCULATURE OF THE AVIAN FAMILY VIREONIDAE. *R. Ont. Mus. Life Sci. Contrib.* No. 128. 60p. 1981. WR 183
[Royal Ontario Mus., 100 Queen's Park, Toronto, Ontario, Canada M5S 2C6]

81-009269 Panetta, F. D. SIGHTINGS OF MIGRATORY TRILLERS AND CUCKOO-SHRIKES IN VICTORIA. *Sunbird* 11(2):40. June 1980. WR 183
[Dep. Environ. Studies, Rusden State Coll., 662 Blackburn Rd., Clayton, Victoria 3168, Australia] *Lalage leucomela* and *Coracina lineata*.

81-009270 Parasharya, B. M. STATUS OF THE BLACKNAPED MONARCH FLYCATCHER IN SAURASHTRA. *Newsl. Birdwatchers* 21(5):11-12. May 1981. WR 183
Monarcha azurea styani in India.

81-009271 Park, P. A COLOUR-BANDING STUDY OF WELCOME SWALLOWS BREEDING IN SOUTHERN TASMANIA. *Corella* 5(2):37-41. June 1981. WR 183
["Stoney", Campania, Tasmania 7202, Australia] *Hirundo neoxena*.

81-009272 Paton, David C. THE SIGNIFICANCE OF POLLEN IN THE DIET OF THE NEW HOLLAND HONEYEATER, *PHYLIDONYRIS NOVAEHOLLANDIAE* (AVES: MELIPHAGIDAE). *Aust. J. Zool.* 29(2):217-224. 1981. WR 183
[1 Dashwood Rd., Beaumont, South Australia 5066, Australia]

81-009273 Payne, Robert B. SONG LEARNING AND SOCIAL INTERACTION IN INDIGO BUNTINGS. *Anim. Behav.* 29(3):688-697. Aug. 1981. WR 183
[Mus. Zool., Univ. Mich., Ann Arbor 48109] *Passerina cyanea*.

81-009274 Payne, Robert B.; William L. Thompson; Kent L. Fiala and Laura L. Sweany. LOCAL SONG TRADITIONS IN INDIGO BUNTINGS: CULTURAL TRANSMISSION OF BEHAVIORAL PATTERNS ACROSS GENERATIONS. *Behaviour* 77(4):199-221. 1981. In English with French summ. WR 183
[Mus. Zool., Univ. Mich., Ann Arbor] *Passerina cyanea* in Michigan.

81-009275 Pikula, Jiří and Miroslava Beklová. THE NESTING NICHES OF THE SPECIES OF THE GENUS *PARUS* NESTING IN CZECHOSLOVAKIA. *Folia Zool. (Brno)* 29(4):343-355. 1980. In English with Russian summ. WR 183
[Inst. Vertebr. Zool., Czechoslovak Acad. Sci., Květná 8, 603 65 Brno, Czechoslovakia] On the basis of 883 nesting records for six species of the genus *Parus (Parus major, P. caeruleus, P. cristatus, P. ater, P. montanus* and *P. palustris)*, their requirements as regards nesting niche were studied.--From abstr.

81-009276 Pilaski, Jürgen. NAUMANNSDROSSEL (*TURDUS NAUMANNI*) IM DÜSSELDORFER VOLKSGARTEN. [NAUMANN'S THRUSH *TURDUS NAUMANNI* IN DÜSSELDORF PARK.] *Charadrius* 17(2):64-65. 1981. In German. WR 183
[Th.-Fontane-Straße 4, 4006 Erkath 1, West Germany]

81-009277 Powlesland, R. G. THE FORAGING BEHAVIOUR OF THE SOUTH ISLAND ROBIN. *Notornis* 28(2):89-102. June 1981. WR 183
[Wildl. Serv., Dep. Internal Affairs, Private Bag, Wellington, New Zealand] *Petroica a. australis* in New Zealand.

OTHER PASSERINE BIRDS (CONTINUED)

81-009278 Prigogine, Alexandre. A NEW SPECIES OF *MALIMBUS* FROM SIERRA LEONE? *Malimbus* 3(1):55. May 1981. WR 183
[Inst. Royal Sci. Nat. Belgique, Rue Vautier 31, 1040 Brussels, Belgium] *Malimbus golensis--M. ballmanni.*

81-009279 Pulliainen, Erkki and Teuvo Hietajärvi. SIRITTÄJÄ *PHYLLOSCOPUS SIBILATRIX* PESIVÄNÄ SALLAN POHJOISKÄRJESSÄ. [A NORTHERN NESTING RECORD OF THE WOOD WARBLER.] *Lintumies* 15:176-177. 1980. In Finnish with English summ. WR 183

81-009280 Pyke, Graham H. HONEYEATER FORAGING: A TEST OF OPTIMAL FORAGING THEORY. *Anim. Behav.* 29(3):878-888. Aug. 1981. WR 183
[Dep. Vertebr. Ecol., Australian Mus., P.O. Box 285, Sydney, New South Wales 2000, Australia] *Phylidonyris novaehollandiae, P. nigra* and *Acanthorhynchus tenuirostris* in Australia.

81-009281 Pyke, Graham H. THE ECONOMICS OF TERRITORY SIZE AND TIME BUDGET IN THE GOLDEN-WINGED SUNBIRD. *Am. Nat.* 114(1):131-145. July 1979. WR 183
[Zool. Bldg., Univ. Sydney, Sydney, New South Wales 2006, Australia] *Nectarinia reichenowi.*

81-009282 Rékási, József. PARTIFECSKE *RIPARIA RIPARIA* GYÜRÜZÉS. [RINGING OF THE SAND MARTIN *RIPARIA RIPARIA.*] *Tiscia (Szeged)* 9(suppl. 3):21-22. 1980. In Hungarian with English summ. WR 183

81-009283 Rabøl, Jørgen. THE ORIENTATION OF ROBINS *ERITHACUS RUBECULA* AFTER DISPLACEMENT FROM DENMARK TO CANARY ISLANDS, AUTUMN 1978. *Ornis Scand.* 12(2):89-98. Aug. 1981. WR 183
[Zool. Lab., Universitetsparken 15, DK-2100 Copenhagen Ø, Denmark]

81-009284 Radford, A. P. BITTERN-LIKE POSTURE OF ADULT WREN. *Br. Birds* 74(6):266. June 1981. WR 183
[2 Wyck Beck Rd., Brentry, Bristol BS10 7JE, England] *Troglodytes troglodytes* in England.

81-009285 Randall, Robert N. and Kenneth J. Johnson. BLUE GROSBEAK BREEDING IN NORTH DAKOTA. *Prairie Nat.* 11(4):125-126. Dec. 1979. WR 183
[928 N. 16th St., Bismarck, ND 58501] *Guiraca caerulea.*

81-009286 Reigh, Robert C. WINTER FOODS OF THE PINE GROSBEAK IN EASTERN NORTH DAKOTA. *Prairie Nat.* 13(2):52-54. June 1981. WR 183
[Dep. Wildl. & Fisheries Sci., Tex. A&M Univ., College Station 77843] *Pinicola enucleator.*

81-009287 Rich, Terrell. MICROGEOGRAPHIC VARIATION IN THE SONG OF THE SAGE SPARROW. *Condor* 83(2):113-119. May 1981. WR 183
[P.O. Box 204, 518 S. Alta, Shoshone, ID 83352] *Amphispiza belli* in Idaho.

81-009288 Richards, Douglas G. ESTIMATION OF DISTANCE OF SINGING CONSPECIFICS BY THE CAROLINA WREN. *Auk* 98(1):127-133. Jan. 1981. WR 183
[Kewalo Basin Mar. Mammal Lab., Univ. Hawaii, 1129 Ala Moana Blvd., Honolulu 96814] *Thryothorus ludovicianus.*

OTHER PASSERINE BIRDS (CONTINUED)

81-009289 Richardson, Dorothy M. and Allan J. Baker. LAST RECORD OF THE CEBU ISLAND SUBSPECIES OF THE ORANGE-BELLIED FLOWERPECKER *DICAEUM TRIGONOSTIGMA PALLIDIUS*. *Bull. Br. Ornithol. Club* 101(2):275-276. June 1981. WR 183
[Dep. Ornithol., Royal Ontario Mus., 100 Queen's Park, Toronto, Ontario, Canada M5S 2C6]

81-009290 Ripley, S. Dillon. OCCURRENCE OF *DICRURUS PARADISEUS LOPHORHINUS* (VIEILLOT) IN GOA (INDIA)--A COMMENT. *J. Bombay Nat. Hist. Soc.* 78(1):168-169. Apr. 1981. WR 183
[Smithsonian Inst., Washington, DC]

81-009291 Rohner, Christoph. BIOMETRIE, ALTER- UND GESCHLECHTSMERKMALE DES DIRLITZ *SERINUS SERINUS*. [BIOMETRIC DATA, AGE AND SEX CHARACTERISTICS OF SERINS *SERINUS SERINUS*.] *Ornithol. Beob.* 78(1):1-11. Apr. 1981. In German with English summ. WR 183
[Usser Allmend 11, CH-8700 Küsnacht, Switzerland]

81-009292 Rohwer, Sievert and David M. Niles. THE SUBADULT PLUMAGE OF MALE PURPLE MARTINS: VARIABILITY, FEMALE MIMICRY AND RECENT EVOLUTION. *Z. Tierpsychol.* 51(3):282-300. Nov. 1979. In English with German summ. WR 183
[Wash. State Mus. DB-10, Univ. Wash., Seattle 98195] *Progne subis*.

81-009293 Romero-Zambrano, Hernando. UNA NUEVA SUBESPECIE COLOMBIANA DE *CAMPYLORHAMPHUS PUSILLUS* (AVES-DENDROCOLAPTIDAE). [A NEW COLOMBIAN SUBSPECIES OF *CAMPYLORHAMPHUS PUSILLUS* (AVES: DENDROCOLAPTIDAE).] *Lozania (Acta Zool. Colombiana)* No. 31. p. 1-8. 30 Apr. 1980. In Spanish. WR 183
[Inst. Cienc. Nat., Mus. Hist. Nat., Univ. Nacl. Colombia, Bogota, Colombia] *C. p. guapiensis*.

81-009294 Romeyn, Philip. LONG-BILLED PIPIT (R 693). *Witwatersrand Bird Club News* No. 113. p. 8. June 1981. WR 183
Anthus similus in South Africa.

81-009295 Ross, Howard A. and Ian A. McLaren. LACK OF DIFFERENTIAL SURVIVAL AMONG YOUNG IPSWICH SPARROWS. *Auk* 98(3):495-502. July 1981. WR 183
[Dep. Ornithol., Royal Ontario Mus., 100 Queen's Park, Toronto, Ontario, Canada M5S 2C6] *Passerculus sandwichensis princeps* in Canada.

81-009296 Ryabitsev, V. K.; S. V. Shutov and V. N. Ol'shvang. ANALYSIS OF CONCRETE RELATIONS OF WILLOW WARBLER AND EVERSMANN'S WARBLER (WITH COMMENTS ON THE SPECIFICITY OF ECOSYSTEMS). *Sov. J. Ecol. (Engl. Trans. Ékologiya)* 11(1):62-69. Jan.-Feb. 1980. Translated from Ékologiya No. 1. p. 83-92. Jan.-Feb. 1980. WR 183
Phylloscopus trochilus and *P. borealis* in USSR.

81-009297 Saha, Bhabeṣh Chandra and Ajit Kumar Mukherjee. OCCURRENCE OF *DICRURUS PARADISEUS LOPHORHINUS* (VIEILLOT) IN GOA (INDIA). *J. Bombay Nat. Hist. Soc.* 77(3):511-512. Dec. 1980. WR 183
[Zool. Surv. India, 34 Chittaranjan Ave., Calcutta 700 012, India]

81-009298 Scharringa, Jelle. GREY-HEADED PARROTBILL IN HONG KONG IN DECEMBER 1980. *Dutch Birding* 3(3):98. Sept. 1981. In English. WR 183
[Steenen Camer 34, 3721 NC Bilthoven, Netherlands] *Paradoxornis gularis*.

OTHER PASSERINE BIRDS (CONTINUED)

81-009299 Schifferli, Alfred. ORPHEUSSPÖTTER *HIPPOLAIS POLYGLOTTA* ALS SOMMERGAST IN SEMPACH. [MELODIOUS WARBLER *HIPPOLAIS POLYGLOTTA* AS A SUMMER VISITOR TO SEMPACH.] *Ornithol. Beob.* 78(1):52. Apr. 1981. In German. WR 183

81-009300 Schmitz, Friedrich. DER BIRKENZEISIG (*CARDUELIS FLAMMEA*) BRUTVOGEL IM STADTGEBIET VON AACHEN. [THE REDPOLL *CARDUELIS FLAMMEA*--BREEDING BIRD IN GREATER AACHEN.] *Charadrius* 17(2):75. 1981. In German. WR 183
[Hasselholzer Weg 8, 5100 Aachen, West Germany]

81-009301 Schneider, Kathryn J. AGE DETERMINATION BY SKULL PNEUMATIZATION IN THE FIELD SPARROW. *J. Field Ornithol.* 52(1):57-59. 1981. WR 183
[Dep. Biol., Univ. Richmond, Richmond, VA 23173] *Spizella pusilla.*

81-009302 Searcy, William A.; Patrick D. McArthur; Susan S. Peters and Peter Marler. RESPONSE OF MALE SONG AND SWAMP SPARROWS TO NEIGHBOUR, STRANGER, AND SELF SONGS. *Behaviour* 77(3):153-163. 1981. In English with French summ. WR 183
[Rockefeller Univ. Field Res. Cent., Millbrook, NY] *Melospiza melodia* and *M. georgiana* in New York.

81-009303 Searcy, William A.; Evan Balaban; Richard A. Canady; Stephen J. Clark; Steven Runfeldt and Heather Williams. RESPONSIVENESS OF MALE SWAMP SPARROWS TO TEMPORAL ORGANIZATION OF SONG. *Auk* 98(3):613-615. July 1981. WR 183
[Rockefeller Univ. Field Res. Cent., Millbrook, NY 12545] *Melospiza georgiana* and *M. melodia* in New York.

81-009304 Shapland, Pam. PARADISE FLYCATCHER (R 682). *Witwatersrand Bird Club News* No. 113. p. 2-3. June 1981. WR 183
Terpsiphone viridis in South Africa.

81-009305 Sharrock, J. T. R. THE EUROPEAN ATLAS: FLYCATCHERS. *Br. Birds* 74(7):286-290. July 1981. WR 183
Muscicapa and *Ficedula*.

81-009306 Sharrock, J. T. R. IDENTIFICATION OF GREY-CHEEKED AND SWAINSON'S THRUSHES. *Br. Birds* 74(7):301-302. July 1981. WR 183
Catharus minimus and *C. ustulatus*.

81-009307 Silverin, Bengt. REPRODUCTIVE EFFORT, AS EXPRESSED IN BODY AND ORGAN WEIGHTS, IN THE PIED FLYCATCHER. *Ornis Scand.* 12(2):133-139. Aug. 1981. WR 183
[Dep. Zool., Univ. Gothenburg, P.O. Box 250 59, S-400 31 Gothenburg, Sweden] *Ficedula hypoleuca* in Sweden.

81-009308 Skoog, Ingvar. DRÄKTVARIATION, LÄTEN OCH BETEENDEN HOS BLÅSTJÄRT *TARSIGER CYANURUS*. [PLUMAGE VARIATION, CALLS, AND BEHAVIOUR OF THE RED-FLANKED BLUETAIL *TARSIGER CYANURUS*.] *Vår Fågelvärld* 40(3):193-197. 1981. In Swedish with English summ. WR 183
[Karlavägen 82, S-115 22 Stockholm, Sweden]

OTHER PASSERINE BIRDS (CONTINUED)

81-009309 Slater, P. J. B. CHAFFINCH SONG REPERTOIRES: OBSERVATIONS, EXPERIMENTS AND A DISCUSSION OF THEIR SIGNIFICANCE. *Z. Tierpsychol.* 56(1):1-24. 1981. In English with German summ. WR 183
[School Biol., Univ. Sussex, Brighton, BN1 9QG, England] *Fringilla coelebs.*

81-009310 Slings, Rienk (Q.L.) DERDE VANGST VAN EEN KORTTENLEEUWERIK *CALANDRELLA BRACHYDACTYLA* IN NEDERLAND EN ZIJN MOGELIJKE HERKOMST. [THIRD SHORT-TOED LARK *CALANDRELLA BRACHYDACTYLA* IN THE NETHERLANDS AND ITS POSSIBLE ORIGIN.] *Limosa* 54(1):31-32. 1981. In Dutch with English summ. WR 183
[Jan Ligthartstraat 567, 1964 HR Heemskerk, Netherlands]

81-009311 Sridharan, E. and S. Bikhchandani. THE REDTAILED WHEATEAR (*OENATNTHE XANTHOPRYMNA*) IN THE DELHI AREA. *J. Bombay Nat. Hist. Soc.* 78(1):170. Apr. 1981. WR 183
[D-1/155, Satya Marg, Chanakyapuri, New Delhi-110 021, India]

81-009312 Stedman, Stanley and Annette F. Stedman. TRAILL'S FLYCATCHER ON FLORIDA'S SOUTHWESTERN COAST. *Fla. Field Nat.* 9(3):41-42. Aug. 1981. WR 183
[1156 Casey Key Rd., Nokomis, FL 33555] *Empidonax traillii.*

81-009313 Steffen, Galen L. LATE FALL DATE FOR THE BLUE GROSBEAK IN GREGORY COUNTY. *S.D. Bird Notes* 33(3):60. Sept. 1981. WR 183
[Burke, SD 57523] *Guiraca caerulea* in South Dakota.

81-009314 Stepanjan, L. S. [ON THE NOMENCLATURE OF SUBSPECIES OF *EMBERIZA VARIABILIS* TEMMINCK, 1835 (AVES, EMBERIZIDAE).] *Zool. Zh.* 58(12):1894-1896. Dec. 1979. In Russian with English summ. WR 183
[Inst. Anim. Evol. Morphol. & Ecol., USSR Acad. Sci., Moscow, USSR]

81-009315 Stewart, Paul A. MOCKINGBIRD'S DEFENSE OF A WINTER FOOD SOURCE. *J. Field Ornithol.* 51(4):375. 1980. WR 183
[203 Mooreland Dr., Oxford, NC 27565] *Mimus polyglottos* in North Carolina.

81-009316 Stewart, Paul A. and Harold A. Connor. FIXATION OF WINTERING PALM WARBLERS TO A SPECIFIC SITE. *J. Field Ornithol.* 51(4):365-367. 1980. WR 183
[203 Mooreland Dr., Oxford, NC 27565] *Dendroica palmarum* in the Bahamas.

81-009317 Sultana, Joe and Charles Gauci. BLACK-EARED WHEATEAR ERRONEOUSLY RECORDED AS PIED WHEATEAR. *Il-Merill* No. 21. p. 24. Jan.-Dec. 1980. WR 183
Oenanthe hispanica melanoleuca.

81-009318 Summers-Smith, D. SPARROWS ON CRETE. *Il-Merill* No. 21. p. 17-18. Jan.-Dec. 1980. WR 183
Passer spp.

81-009319 Swamy, S. T. P. V. J.; N. Shivanarayan and Mir Hamid Ali. DISPERSAL OF BAYAS WITH RECORDED DISTRESS CALLS. *J. Bombay Nat. Hist. Soc.* 77(2):335-336. Aug. 1980. WR 183

OTHER PASSERINE BIRDS (CONTINUED)

81-009319 CONTINUED
[Insectary Bldg., A. P. Agric. Univ., Rajendranagar, Hyderabad 500 030, India] *Ploceus philippinus* in India.

81-009320 Tarr, John N. S. AN APPARENT NESTING BY A HYBRID WOODSWALLOW. *Aust. Birds* 15(4):76. June 1981. WR 183
["Brendon", RMB 1305 Griffith, New South Wales 2680, Australia] *Artamus personatus* X *A. superciliosus* in Australia.

81-009321 ter Haar, G. J. (Hans) and Ton Kramer. KLEINE ZWARTKOP IN AMSTERDAM IN WINTER VAN 1980/81. [SARDINIAN WARBLER IN AMSTERDAM IN WINTER OF 1980/81.] *Dutch Birding* 3(3):102-103. Sept. 1981. In Dutch with English summ. WR 183
[Uilenstede 202, 1183 AP Amstelveen, Netherlands] *Sylvia melanocephala* in the Netherlands.

81-009322 Tessen, Daryl. KIRTLAND'S WARBLER FOUND AGAIN IN JACKSON COUNTY. *Passenger Pigeon* 43(2):64. 1981. WR 183
Dendroica kirtlandii in Wisconsin.

81-009323 Thake, M. A. MALTESE RECORDS OF NORTH EAST EUROPEAN BUNTINGS WHICH WINTER IN THE ORIENTAL REGION. *Il-Merill* No. 21. p. 22. Jan.-Dec. 1980. WR 183
Emberiza pusilla, E. rustica and *E. aureola*.

81-009324 Tiebout, Harry M. III. A PROBABLE RECORD OF LAZULI BUNTING AT MEAD WILDLIFE AREA. *Passenger Pigeon* 43(2):62. 1981. WR 183
Passerina amoena in Wisconsin.

81-009325 Todd, K. S., Jr. DISCUSSION OF WORK ON *ISOSPORA* SPECIES. *J. Protozool.* 28(2):247. May 1981. WR 183
[Dep. Vet. Pathol., Uni. Ill., Urbana 61801] Discussion of Box's paper (above).

81-009326 Traser, György. KÉT MEGFIGYELÉS A RIGÓK TÁPLÁLKOZÁSÁRÓL. [OBSERVATIONS ON THE NUTRITION OF THRUSHES.] *Tiscia (Szeged)* 9(suppl. 3):12-13. 1980. In Hungarian with English summ. WR 183
Turdus merula and *T. philomelas* in Hungary.

81-009327 Tutman, Ivan. SOME OBSERVATIONS ON WRENS NEAR DUBROVNIK. *Il-Merill* No. 21. p. 25. Jan.-Dec. 1980. WR 183
Troglodytes troglodytes.

81-009328 Vleck, Carol M. ENERGETIC COST OF INCUBATION IN THE ZEBRA FINCH. *Condor* 83(3):229-237. Aug. 1981. WR 183
[Dep. Ecol. & Evol. Biol., Univ. Ariz., Tucson 85721] *Poephila guttata*.

81-009329 Walley, Bill. MCCOWN'S LONGSPUR NEAR LAKE DAUPHIN, MANITOBA. *Blue Jay* 39(2):110-111. June 1981. WR 183
[19 Edgar Ave., Dauphin, Manitoba R7N 0R4, Canada] *Rhynchophanes mccownii* in Canada.

OTHER PASSERINE BIRDS (CONTINUED)

81-009330 Walters, I. N. CACHING OF FOOD BY GREY BUTCHERBIRD. *Sunbird* 11(2):47-48. June 1980. WR 183
[Dep. Anthropol. & Sociol., Univ. Queensland, St. Lucia, Queensland 4067, Australia] *Cracticus torquatus*.

81-009331 Walters, Michael. THE PROBLEM OF GÜLDENSTÄDT'S REDSTART. *Sandgrouse* No. 2. p. 86-90. 1981. WR 183
[Sub-Dep. Ornithol., British Mus., Tring, Hertfordshire, England] *Phoenicurus erythrogaster*.

81-009332 Watson, Robert J. SUMMER OCCURRENCES OF THE VEERY IN ARLINGTON. *Raven* 51(1):14-15. Mar. 1980. WR 183
[2636 Marcey Rd., Arlington, VA 22207] *Catharus fuscescens* in Virginia.

81-009333 Weir, Audrey S. WHEATEAR SIGHTING AT ST. IGNACE, MACKINAC COUNTY. *Jack-Pine Warbler* 59(2):66. June 1981. WR 183
[1424 Red Run Dr., Royal Oak, MI 48073] *Oenanthe oenanthe* in Michigan.

81-009334 Whitmore, Robert C. STRUCTURAL CHARACTERISTICS OF GRASSHOPPER SPARROW HABITAT. *J. Wildl. Manage.* 45(3):811-814. July 1981. WR 183
[Div. For., Wildl. Biol. Sect., W. Va. Univ., Morgantown 26506] *Ammodramus savannarum*.

81-009335 Williams, Joseph B. and Holly Hansell. BIOENERGETICS OF CAPTIVE BELDING'S SAVANNAH SPARROWS (*PASSERCULUS SANDWICHENSIS BELDINGI*). *Comp. Biochem. Physiol. A Comp. Physiol.* 69(4):783-787. 1981. WR 183
[Dep. Biol., Univ. Pa., Philadelphia 19104]

81-009336 Williams, Morris D. DISCOVERY OF THE NEST AND EGGS OF THE CINEREOUS FINCH (*PIEZORHINA CINEREA*), A PERUVIAN ENDEMIC. *Auk* 98(1):187-189. Jan. 1981. WR 183
[Mus. Zool., La. State Univ., Baton Rouge 70893]

81-009337 Wingfield, John C.; Carol M. Vleck and Donald S. Farner. EFFECT OF DAY LENGTH AND REPRODUCTIVE STATE ON DIEL RHYTHMS OF LUTEINIZING HORMONE LEVELS IN THE PLASMA OF WHITE-CROWNED SPARROWS, *ZONOTRICHIA LEUCOPHRYS GAMBELII*. *J. Exp. Zool.* 217(2):261-264. Aug. 1981. WR 183
[Rockefeller Univ. Field Res. Cent., Tyrrel Rd., Millbrook, NY 12545]

81-009338 Wunderle, J. M., Jr. COLOUR PHASES OF THE BANANAQUIT *COEREBA FLAVEOLA* ON ST VINCENT, WEST INDIES. *Ibis* 123(3):354-358. July 1981. WR 183
[Dep. Zool., P.O. Box 5577, N.C. State Univ., Raleigh 27607]

81-009339 Wunderle, Joseph M., Jr. MOVEMENTS OF ADULT AND JUVENILE BANANAQUITS WITHIN A MORPH-RATIO CLINE. *Auk* 98(3):571-577. July 1981. WR 183
[Dep. Zool., P.O. Box 5577, N.C. State Univ., Raleigh 27607] *Coereba flaveola* in Grenada.

81-009340 Yamagishi, Satoshi. EFFECT OF PARENTS' AGE CLASS ON BREEDING SUCCESS OF THE MEADOW BUNTING *EMBERIZA CIOIDES* (AVES: EMBERIZIDAE). *Jpn. J. Ecol.* 31(1):117-119. Mar. 1981. In English. WR 183
[Dep. Biol., Fac. Sci., Osaka City Univ., Osaka 558, Japan]

OTHER PASSERINE BIRDS (CONTINUED)

81-009341 Yom-Tov, Yoram and Amos Ar. ON THE BREEDING ECOLOGY OF THE DEAD SEA SPARROW, *PASSER MOABITICUS*. *Isr. J. Zool.* 29(4):171-187. 1980. WR 183
[Dep. Zool., Tel Aviv Univ., Tel Aviv, Israel]

OTHER BIRDS

81-009342 Ajana. CHESTNUT-HEADED BEE-EATER IN HAZARIBAGH. *Newsl. Birdwatchers* 21(5):16-17. May 1981. WR 183
Merops leschenaulti in India.

81-009343 Angehr, George Richard. THE ROLE OF INTERFERENCE COMPETITION IN THE ORGANIZATION OF A GUILD OF PANAMANIAN HUMMINGBIRDS. *Ph.D. dissertation, Univ. Colo. (Boulder)* 224p. 1980. From Diss. Abstr. Int. B Sci. Eng. 42(1):50. July 1981. WR 183
Data for 6 spp.

81-009344 Arman, John and Josie Arman. BREEDING THE YELLOW-CROWNED AMAZON *AMAZONA OCHROCEPHALA*. *Avic. Mag.* 86(4):211-217. Oct.-Dec. 1980. WR 183

81-009345 Bell, H. L. FORAGING ECOLOGY, TERRITORIALITY AND SEASONALITY OF THE COMMON PARADISE KINGFISHER AT BROWN RIVER, PAPUA NEW GUINEA. *Corella* 4(5):113-126. Dec. 1980. WR 183
[c/o Dep. Zool., Univ. New England, Armidale, New South Wales 2351, Australia] *Tanysiptera galatea*.

81-009346 Benson, C. W. and M. P. S. Irwin. THE MEANING OF THE GENERIC NAME OF THE THICK-BILLED CUCKOO *PACHYCOCCYX*. *Honeyguide* No. 102. p. 26-27. May 1980. WR 183
[Mus. Zool., Downing St., Univ. Cambridge, Cambridge, England]

81-009347 Bertagnolio, Paolo. THE RED TAILED AMAZON AND OTHER UNCOMMON SOUTH AMERICAN PARROTS. *Avic. Mag.* 87(1):6-18. Jan.-Mar. 1981. WR 183
Amazonia brasiliensis, *Triclaria malachitacea* and *Pionopsitta pileata*.

81-009348 Bird, Jim and Mike Payne. A CHUCK-WILL'S-WIDOW ON STELLWAGEN BANK. *Bird Observer East. Mass.* 9(4):194. Aug. 1981. WR 183
Caprimulgus carolinensis.

81-009349 Blankert, J. J. (Han) and Paul de Heer. GRIJSKOPSPECHT OP BRUNSSUMERHEIDE IN APRIL EN MEI 1981. [GREY-HEADED WOODPECKER ON BRUNSSUMERHEIDE IN APRIL AND MAY 1981.] *Dutch Birding* 3(3):101. Sept. 1981. In Dutch with English summ. WR 183
[Leendert Meeszstraat 8, 2015 JS Haarlem, Netherlands] *Picus canus* in the Netherlands.

81-009350 Bohner, F. SOME NOTES ON BREEDING THE RED-TAILED COCKATOO *CALYPTORHYNCHUS NAGNIFICUS NASO*. *Avic. Mag.* 86(4):202-204. Oct.-Dec. 1980. WR 183
[Happy Valley, South Australia, Australia]

OTHER BIRDS (CONTINUED)

81-009351 Borrero-H., José Ignacio. NOTAS SOBRE EL COMPORTAMIENTO DEL PERICO DE PLUMA (*NYCTIBIUS GRISEUS*). [NOTES ON THE BEHAVIOR OF THE COMMON POTOO (*NYCTIBIUS GRISEUS*).] *Lozania (Acta Zool. Colombiana)* No. 32. p. 1-6. 8 July 1980. In Spanish. WR 183
[CREE, Apartado Aéreo 3461, Cali, Colombia]

81-009352 Brooke, R. K. FURTHER INCREASE OF THE LITTLE SWIFT AROUND SALISBURY. *Honeyguide* No. 102. p. 35. May 1980. WR 183
[P.F.I.A.O., Univ. Cape Town, Rondebosch, South Africa] *Apus affinus* in Zimbabwe.

81-009353 Brooke, R. K. THE PALM SWIFTS OF THE SEBAKWE RIVER. *Honeyguide* No. 102. p. 35. May 1980. WR 183
[P.F.I.A.O., Univ. Cape Town, Rondebosch, South Africa] *Cypsiurus parvus* and *C. p. myochrous* in Zimbabwe.

81-009354 Burr, Elisha W. COURTSHIP DISPLAY AND COPULATION OBSERVED IN A PAIR OF PHILIPPINE HANGING PARROTS (*LORICULUS PHILIPPENSIS PHILIPPENSIS*). *Auk* 98(3):629. July 1981. WR 183
[5 Larkey Rd., Oxford, CT 06483]

81-009355 Burr, Elisha W. INDIAN RING-NECKED PARAKEETS IN THE HIMALAYAN MOUNTAINS AT 12,000 FEET ALTITUDE IN THE WINTER. *Avic. Mag.* 87(1):54. Jan.-Mar. 1981. WR 183
[Indian Vet. Res. Inst., Izatangar, India]

81-009356 Cameron, R. and M. Hinchey. AN APPARENTLY IMMATURE WHITE-THROATED NEEDLETAIL IN AUSTRALIA. *Aust. Bird Watcher* 9(2):68. June 1981. WR 183
[Flat 2, 41 Atkinson St., Queanbeyan, New South Wales 2620, Australia] *Hirundapus caudacutus.*

81-009357 Chattopadhyay, Srikumar. OBSERVATIONS ON PARENTAL CARE OF A WOUNDED CHICK OF THE BRONZEWINGED JACANA, *METOPIDIUS INDICUS* (LATHAM). *J. Bombay Nat. Hist. Soc.* 77(2):325-326. Aug. 1980. WR 183
[c/o Dr. Biswamoy Biswas, Zool. Surv. India, Indian Mus., Calcutta 700 016, India]

81-009358 Colston, P. R. A NEWLY DESCRIBED SPECIES OF *MELIGNOMON* (INDICATORIDAE) FROM LIBERIA, WEST AFRICA. *Bull. Br. Ornithol. Club* 101(2):289-291. June 1981. WR 183
[Sub-dep. Ornithol., British Mus. (Nat. Hist.), Tring, Hertfordshire, England] *Melignomon eisentrauti.*

81-009359 Conner, Richard N. SEASONAL CHANGES IN WOODPECKER FORAGING PATTERNS. *Auk* 98(3):562-570. July 1981. WR 183
[Wildl. Habitat & Silviculture Lab., Southern Forest Exp. Stn., Nacogdoches, TX 75962] *Picoides pubescens, P. villosus* and *Dryocopus pileatus* in Virginia.

81-009360 Conner, Richard N. BILL AND BODY SIZE IN THREE SYNTOPIC WOODPECKERS. *Raven* 51(1):7-11. Mar. 1980. WR 183
[Southern Forest Exp. Stn., Nacogdoches, TX 75962] *Picoides pubescens, P. villosus* and *Dryocopus pileatus* in Virginia.

OTHER BIRDS (CONTINUED)

81-009361 Correll, Terrie and Cindy Vaden. HAND-RAISING KOOKABURRAS. *Anim. Keeper's Forum* 8(7):167. July 1981. WR 183
[Sedgwick County Zoo, Wichita, KS] *Dacelo novaeguineae.*

81-009362 Day, Deryck. GOLDEN-RUMPED TINKERBIRD (R 438). *Witwatersrand Bird Club News* No. 113. p. 8. June 1981. WR 183
Pogoniulus bilineatus in South Africa.

81-009363 Dexter, Ralph W. OHIO CHIMNEY SWIFT RECOVERED IN MASSACHUSETTS. *Inl. Bird Banding* 53(1):8. 1981. WR 183
[Dep. Biol. Sci., Kent State Univ., Kent, OH 44242] *Chaetura pelagica.*

81-009364 Diamond, Tuli and Janiece Rozin. ARTIFICIAL INCUBATION AND REARING OF OSTRICHES. *A.F.A. Watchbird* 7(4):28-30. Aug./Sept. 1980. WR 183
Struthio camelus.

81-009365 Dickerman, Robert W. GEOGRAPHIC VARIATION IN THE JUVENAL PLUMAGE OF THE LESSER NIGHTHAWK (*CHORDEILES ACUTIPENNIS*). *Auk* 98(3):619-621. July 1981. WR 183
[Dep. Microbiol., Cornell Univ. Med. Coll., New York, NY 10021]

81-009366 Dooling, Robert J. and Margaret H. Searcy. AMPLITUDE MODULATION THRESHOLD FOR THE PARAKEET (*MELOPSITTACUS UNDULATUS*). *J. Comp. Physiol. A Sens. Neural Behav. Physiol.* 143(3):383-388. Aug. 1981. WR 183
[Dep. Psychol., Univ. Md., College Park 20742]

81-009367 Eitniear, Jack Clinton. THE SCARLET MACAW IN CAPTIVITY AND IN THE WILD. *A.F.A. Watchbird* 7(6):34-35. Dec. 1980/Jan. 1981. WR 183
Ara macao.

81-009368 Fleming, C. A. ORANGE-FRONTED PARAKEET: RECORD OF FLOCKING. *Notornis* 27(4):388-390. Dec. 1980. WR 183
[42 Wadestown Rd., Wellington, New Zealand] *Cyanoramphus malherbi* in New Zealand.

81-009369 Freud, Arthur. THE DISCOVERY OF THE HOME OF LEAR'S MACAW. *Avic. Mag.* 86(4):261-263. Oct.-Dec. 1980. WR 183
[Smithtown, NY] *Anodorhynchus leari.*

81-009370 Fry, C. H. ON THE BREEDING SEASON OF *MEROPS PERSICUS* IN WEST AFRICA. *Malimbus* 3(1):52. May 1981. WR 183
[Aberdeen Univ., Zool. Dep., Tillydrone Ave., Aberdeen AB9 2TN, Scotland]

81-009371 Fry, C. H. THE DIET OF LARGE GREEN BEE-EATERS *MEROPS SUPERCILIOSUS* SUPERSP. AND THE QUESTION OF BEE-EATERS FISHING. *Malimbus* 3(1):31-38. May 1981. WR 183
[Aberdeen Univ., Zool. Dep., Tillydrone Ave., Aberdeen AB9 2TN, Scotland]

81-009372 Gatz, Thomas A.; John P. Oswald; Robert Randall; Harald Bliss and Paul Hlavinka. YELLOW-BILLED CUCKOO BREEDING IN NORTH DAKOTA. *Prairie Nat.* 13(2):59-60. June 1981. WR 183

OTHER BIRDS (CONTINUED)

81-009372 CONTINUED
[Biol. Branch, U.S. Bur. Reclamation, Bismarck, ND 58502] *Coccyzus americanus.*

81-009373 Goldsmith, Timothy H.; James S. Collins and Dan L. Perlman. A WAVELENGTH DISCRIMINATION FUNCTION FOR THE HUMINGBIRD *ARCHILOCHUS ALEXANDRI*. *J. Comp. Physiol. A Sens. Neural Behav. Physiol.* 143(1):103-110. June 1981. WR 183
[Dep. Biol., Yale Univ., New Haven, CT 06511]

81-009374 Gourlay, M. VERNAL HANGING PARROTS *LORICULUS VERNALIS*. *Avic. Mag.* 86(4):251-252. Oct.-Dec. 1980. WR 183
[Camberley, Surrey, England]

81-009375 Haartman, Lars von. CO-EVOLUTION OF THE CUCKOO *CUCULUS CANORUS* AND A REGULAR CUCKOO HOST. *Ornis Fenn.* 58(1):1-10. 1981. In English with Finnish summ. WR 183
[Dep. Zool., Univ. Helsinki, P. Rautatiekatu 13, SF-00100 Helsinki 10, Finland]

81-009376 Hails, C. J. and A. Amirrudin. FOOD SAMPLES AND SELECTIVITY OF WHITE-BELLIED SWIFTLETS *COLLOCALIA ESCULENTA*. *Ibis* 123(3):328-333. July 1981. WR 183
[Zool. Dep., Univ. Malaya, Kuala Lumpur, 22-11, Malaysia]

81-009377 Harr, Douglas. ORANGE-SHAFTED FLICKER IN LYON COUNTY. *Iowa Bird Life* 51(3):106. Sept. 1981. WR 183
[Iowa Conserv. Comm., Box 65, Larchwood] *Colaptes auratus* hybrid.

81-009378 Himmatsinhji, M. K. THE COMMON HAWK-CUCKOO, *CUCULUS VARIUS* VAHL IN KUTCH. *J. Bombay Nat. Hist. Soc.* 77(2):329. Aug. 1980. WR 183
[Jubilee Ground, Bhuj, Kutch, India]

81-009379 Himmatsinhji, M. K. THE BLUECHEEKED BEE-EATER *MEROPS SUPERCILIOSUS* LINNAEUS IN KUTCH. *J. Bombay Nat. Hist. Soc.* 77(2):328-329. Aug. 1980. WR 183
[Jubilee Ground, Bhuj, Kutch, India]

81-009380 Holmes, Glenn. FIELD IDENTIFICATION OF THE MARBLED FROGMOUTH. *Aust. Birds* 15(4):74-75. June 1981. WR 183
[P.O. Box 258, Kyogle, New South Wales 2474, Australia] *Podargus ocellatus.*

81-009381 Hopkins, Milton N., Jr. BELTED KINGFISHER NESTING IN A SAWDUST PILE. *Oriole* 45(1):22. Mar. 1980. WR 183
[Rt. 5, Fitzgerald, GA 31750] *Megaceryle alcoyon* in Georgia.

81-009382 Hutson, A. M. THE POPULATION OF THE LOUSE-FLY, *CRATAERINA PALLIDA* (DIPTERA, HIPPOBOSCIDAE) ON THE EUROPEAN SWIFT, *APUS APUS* (AVES, APODIDAE). *J. Zool. (Lond.)* 194(3):305-316. July 1981. WR 183
[Dep. Entomol., British Mus. (Nat. Hist.), Cromwell Rd., London, England]

OTHER BIRDS (CONTINUED)

81-009383 Isert, G. and H. Isert. BREEDING THE WESTERN RACE OF THE CAPE PARROT *POICEPHALUS ROBUSTUS FUSCICOLLIS* (KUHL). *Avic. Mag.* 86(4):205-209. Oct.-Dec. 1980. WR 183

81-009384 Janssen, Robert B. A HYBRID RED-SHAFTED X YELLOW-SHAFTED FLICKER. *Loon* 53(2):117-118. 1981. WR 183
[10521 S. Cedar Lake Rd., Minnetonka, MN 55343] *Colaptes auratus* x *C. cafer* in Minnesota.

81-009385 Klapste, Jaroslav. OBSERVATION OF ONE PALLID CUCKOO FEEDING ANOTHER. *Aust. Bird Watcher* 9(1):27-28. Mar. 1981. WR 183
[6/15 Southey St., Elwood, Victoria 3184, Australia] *Cuculus pallidus* in Australia.

81-009386 Knight, Rick. WHIP-POOR-WILL FORAY. *Migrant* 52(1):18-19. Mar. 1981. WR 183
[804 North Hills Dr., Johnson City, TN 37601] *Caprimulgus vociferus* in Tennessee.

81-009387 Kyu-Whang Ham and Pyong-Oh Won. [ECOLOGICAL STUDIES OF ENDANGERED BIRDS AND THEIR CONSERVATION IN KOREA. (II). BREEDING ECOLOGY OF THE TRISTRAM'S WOODPECKER, *DRYOCOPUS JAVENSIS RICHARDSI* TRISTRAM IN KOREA.] *Bull. Korean Assoc. Conserv. Nat. Ser.* 2:83-103. 1980. In Korean with English summ. WR 183
[Inst. Ornithol., Kyung Hee Univ., Seoul 131, Korea]

81-009388 Locke, Brian Alvin. COLONY SITE SELECTION BY RED-COCKADED WOODPECKERS IN EAST TEXAS. *M.S. thesis, Stephen F. Austin State Univ.* 50p. 1980. From Masters Abstr. 19(2):108. June 1981. WR 183
Dendrocopos borealis.

81-009389 Loftin, Robert W. and Jerry Leeds. PILEATED WOODPECKER TAKES RED-BELLIED WOODPECKER NESTLING. *Fla. Field Nat.* 9(3):41. Aug. 1981. WR 183
[Univ. North Fla., Box 17074, Jacksonville 32216] *Dryocopus pileatus* and *Melanerpes carolinus* in Florida.

81-009390 Low, Rosemary. THE ST. LUCIA PARROT. *A.F.A. Watchbird* 7(5):10-12, 14-15. Oct./Nov. 1980. WR 183
Amazona versicolor.

81-009391 Low, Rosemary. BREEDING GOFFIN'S COCKATOO. *Avic. Mag.* 86(4):195-201. Oct.-Dec. 1980. WR 183
Cacatua goffini.

81-009392 MacKinnon, John. METHODS FOR THE CONSERVATION OF MALEO BIRDS, *MACROCEPHALON MALEO* ON THE ISLAND OF SULAWESI, INDONESIA. *Biol. Conserv.* 20(3):183-193. July 1981. WR 183
[Direktorat PPA, Jl. Ir. H. Juanda 9, Bogor, Indonesia]

81-009393 Madge, Steve. THE SUBSPECIFIC IDENTITY OF THE LITTLE GREEN BEE-EATER IN SOUTHERN ISRAEL. *Sandgrouse* No. 2. p. 107. 1981. WR 183
[1 Caudle Hill, Fairburn, Knottingley, West Yorkshire WF11 9JQ, England] *Merops orientalis.*

OTHER BIRDS (CONTINUED)

81-009394 Maxson, Stephen J. and George-Ann D. Maxson. COMMENSAL FORAGING BETWEEN HAIRY AND PILEATED WOODPECKERS. *J. Field Ornithol.* 52(1):62-63. 1981. WR 183
[Bell Mus., Univ. Minn., Minneapolis 55455] *Picoides villosus* and *Dryocopus pileatus* in Minnesota.

81-009395 Meyer, Elizabeth J. Mury. THE CAPTURE EFFICIENCY OF FLICKERS PREYING ON LARVAL TIGER BEETLES. *Auk* 98(1):189-191. Jan. 1981. WR 183
[899 C Homestead Village Lane, S.E., Rochester, MN 55901] *Colaptes auratus* in Pennsylvania.

81-009396 Mobbs, A. J. BREEDING THE BLUE-WINGED PARROTLET *FORPUS PASSERINUS VIVIDUS*. *Avic. Mag.* 87(2):65-69. Apr.-June 1981. WR 183

81-009397 Montgomerie, Robert D. and C. L. Gass. ENERGY LIMITATION OF HUMMINGBIRD POPULATIONS IN TROPICAL AND TEMPERATE COMMUNITIES. *Oecologia (Berl.)* 50(2):162-165. 11 Aug. 1981. WR 183
[Dep. Biol., Queen's Univ., Kingston, Ontario K7L 3N6, Canada] Data for 7 spp.

81-009398 Mullarney, Killian. BELTED KINGFISHER: NEW TO BRITAIN AND IRELAND. *Br. Birds.* 74(6):242-245. June 1981. WR 183
[The Mill House, Whitechurch Rd., Rathfarnham, Dublin 14, Ireland] *Ceryle alcyon.*

81-009399 Murphy, Michael T. YELLOW-BELLIED SAPSUCKER DISPLACED BY COMMON FLICKER. *Loon* 53(3):174. 1981. WR 183
[2904 Oregon Ave. South, St. Louis Park, MN 55426] *Sphyrapicus varius* and *Colaptes auratus* in Minnesota.

81-009400 Nagy, Imre. VASOSZLOPON DOBOLÓ NAGYFAKOPÁNCS *DENDROCOPOS MAIOR*. [GREAT SPOTTED WOODPECKER *DENDROCOPOS MAIOR* DRUMMING ON AN IRON COLUMN.] *Tiscia (Szeged)* 9(suppl. 3):11. 1980. In Hungarian with English summ. WR 183

81-009401 Newell, John G. WHIP-POOR-WILL IN OKLAHOMA CITY. *Bull. Okla. Ornithol. Soc.* 14(3):23-24. Sept. 1981. WR 183
[4129 N. Everest, Oklahoma City, OK 73111] *Caprimulgus vociferus* in Oklahoma.

81-009402 Nicholson, Charles P. RED-COCKADED WOODPECKER COLONY IN CAMPBELL COUNTY, TENNESSEE. *Migrant* 51(4):89. Dec. 1980. WR 183
[TVA, Norris, TN 37828] *Picoides borealis.*

81-009403 Noegel, Ramon. AMAZON PARROT HUSBANDRY. *Avic. Mag.* 86(4):232-245. Oct.-Dec. 1980. WR 183
Amazona spp.

81-009404 Noegel, Ramon. FIRST CAPTIVE BREEDING OF THE JAMAICAN BLACK-BILLED AMAZON *AMAZONA AGILIS*. *Avic. Mag.* 86(4):209-211. Oct.-Dec. 1980. WR 183
[Seffner, FL]

OTHER BIRDS (CONTINUED)

81-009405 O'Donnell, Colin F. J. FOODS OF THE NEW ZEALAND KINGFISHER (*HALYCON SANCTA VAGANS*). *Notornis* 28(2):140-141. June 1981. WR 183
[198 Blenheim Rd., Christchurch 4, New Zealand]

81-009406 Onunkwo, O. and M. A. Momoh. CHARACTERIZATION OF A NEWCASTLE DISEASE VIRUS ISOLATED FROM A PARROT (*PSITTACUS ERYTHRACUS*) IN NIGERIA. *J. Wildl. Dis.* 17(3):463-465. July 1981. WR 183
[Natl. Vet. Res. Inst., Vom, Via Jos, Nigeria]

81-009407 Ortiz-Crespo, Fernando Ignacio. AGONISTIC AND FORAGING BEHAVIOR OF HUMMINGBIRDS CO-OCCURRING IN CENTRAL COASTAL CALIFORNIA. *Ph.D. dissertation, Univ. Calif. (Berkeley)* 230p. 1980. From Diss. Abstr. Int. B Sci. Eng. 42(1):102. July 1981. WR 183
Calypte anna, *Selasphorus sasin* and *S. rufus* in California.

81-009408 Palmer, Guy H. and Erik Stauber. VISCERAL LYMPHOBLASTIC LEUKOSIS IN AN AFRICAN GRAY PARROT. *Vet. Med. Small Anim. Clin.* 76(9):1355. Sept. 1981. WR 183
[Wash. Anim. Dis. Lab., Wash. State Univ., Pullman 99163] *Psittacus erithacus*.

81-009409 Pellantová, Jitka. THE GROWTH OF YOUNG OF THE SWIFT, *APUS APUS*, IN RELATION TO THE NUMBER OF NESTLINGS, TEMPERATURE, FEEDING FREQUENCY AND QUANTITY OF FOOD. *Folia Zool. (Brno)* 30(1):59-73. 1981. In English with Russian summ. WR 183
[Inst. Vertebr. Zool., Czechoslovak Acad. Sci., Květná 8, 603 65 Brno, Czechoslovakia]

81-009410 Pollard, C. J. W. A VISUAL RECORD OF THE OLIVE WOODPECKER AT VICTORIA FALLS. *Honeyguide* No. 102. p. 33. May 1980. WR 183
[Zimbabwe Police, P.O. Box 20, Victoria Falls, Zimbabwe] *Mesopicos griseocephalus* in Zimbabwe.

81-009411 Prinzinger, R.; R. Göppel; A. Lorenz and E. Kulzer. BODY TEMPERATURE AND METABOLISM IN THE RED-BACKED MOUSEBIRD (*COLIUS CASTANOTUS*) DURING FASTING AND TORPOR. *Comp. Biochem. Physiol. A Comp. Physiol.* 69(4):689-692. 1981. WR 183
[Inst. Biol. III, Univ. Tübingen, Auf der Morgenstelle 28, 7400 Tübingen 1, West Germany]

81-009412 Pyke, Graham H. OPTIMAL FORAGING IN HUMMINGBIRDS: RULE OF MOVEMENT BETWEEN INFLORESCENCES. *Anim. Behav.* 29(3):889-896. Aug. 1981. WR 183
[Dep. Vertebr. Zool., Australian Mus., P.O. Box 285, Sydney, New South Wales 2000, Australia] *Selasphorus platycercus* and *S. rufus* in Colorado.

81-009413 Quinque, Henry. BREEDING THE HORNED PARROT *EUNYMPHICUS C. CORNUTUS*. *Avic. Mag.* 86(4):187-194. Oct.-Dec. 1980. WR 183
[Mesnil Aubry, Paris, France]

81-009414 Rosskopf, Walter J., Jr.; Richard W. Woerpel and Susan R. Yanoff. PRESERVATION RESPONSES IN A DYING MILITARY MACAW. *Vet. Med. Small Anim. Clin.* 76(10):1458-1459. Oct. 1981. WR 183

OTHER BIRDS (CONTINUED)

81-009414 CONTINUED
[Anim. Med. Cent. Lawndale, 4473 West Rosecrans Ave., Hawthorne, CA 90250] *Ara militaris mexicana*.

81-009415 Rudebeck, Gustaf. DEN STUBBSTJÄRTADE SEGLAREN *APUS AFFINIS*, EN FÖR SVERIGE NY FÅGELART. [THE LITTLE SWIFT *APUS AFFINIS*, A SPECIES NEW TO SWEDEN.] *Vår Fågelvärld* 39(5):265-274. 1980. In Swedish with English summ. WR 183
[Ekologihuset, S-223 62 Lund, Sweden]

81-009416 Schmitt, C. Gregory and Donna C. Cole. FIRST RECORDS OF BLACK-LEGGED SERIEMA (*CHUNGA BURMEISTERI*) IN BOLIVIA. *Condor* 83(2):182-183. May 1981. WR 183
[N. Mex. Dep. Game & Fish, State Capitol, Santa Fe 87503]

81-009417 Sharrock, R. E. and J. Purnell. A NESTING FAILURE BY GLOSSY COCKATOOS IN THE NARRANDERA RANGE, N.S.W., 1979. *Aust. Bird Watcher* 9(1):29-32. Mar. 1981. WR 183
[18 Sturt Highway, Gumly Gumly, New South Wales, 2650 Australia] *Calyptorhynchus lathami*.

81-009418 Siemens, Larry. CROWNED HORNBILLS NESTING NEAR ELDORET. *EANHS (East Afr. Nat. Hist. Soc.) Bull.* p. 65-66. July-Aug. 1981. WR 183
[Biol. Dep., Univ. Coll. Eastern Africa, P.O. Box 2500, Eldoret, Kenya] *Tockus alboterminatus* in Kenya.

81-009419 Silva, T. NOTES ON BREEDING SLENDER-BILLED CONURES *ENICOGNATHUS LEPTORHYNCHUS*. *Avic. Mag.* 86(4):218-219. Oct.-Dec. 1980. WR 183
[North Riverside, IL]

81-009420 Silva, T. THE ST. LUCIAN AMAZON PARROT. *Avic. Mag.* 86(4):248-249. Oct.-Dec. 1980. WR 183
[North Riverside, IL] *Amazona versicolor*.

81-009421 Simpson, Sharon F. and Joel Cracraft. THE PHYLOGENETIC RELATIONSHIPS OF THE PICIFORMES (CLASS AVES). *Auk* 98(3):481-494. July 1981. WR 183
[Cracraft: Div. Birds, Field Mus. Nat. Hist., Chicago, IL 60605]

81-009422 Smith, G. A. THE ORIGIN OF PHILIPPINE PARROTS AND THE RELATIONSHIPS OF THE GUAIABERO *BOLBOPSITTACUS LUNULATUS*. *Ibis* 123(3):345-349. July 1981. WR 183
[158 Broadway, Peterborough PE1 4DG, England]

81-009423 Somadikarta, S. ON THE TWO NEW SUBSPECIES OF CRESTED TREE SWIFT FROM PELENG ISLAND, AND SULA ISLANDS (AVES: HEMIPROCNIDAE). *Treubia* 28(4):119-127. Aug. 1975. WR 183
Hemiprocne longipennis mendeni and *H. l. dehaani*.

81-009424 Spenkelink-Vanschaik, J. L. THE PHILIPPINE HANGING PARROT *LORICULUS PHILIPPENSIS*. *Avic. Mag.* 86(4):253-255. Oct.-Dec. 1980. WR 183
[Soesterberg, Netherlands]

OTHER BIRDS (CONTINUED)

81-009425 Spenkelink-Vanschaik, J. L. THE AUSTRAL CONURE. *Avic. Mag.* 86(4):258-260. Oct.-Dec. 1980. WR 183
[Soesterberg, Netherlands] *Enicognathus ferrugineus minor* and *E. f. ferrugineus.*

81-009426 Spenkelink-Vanschaik, J. L. THE GENUS *BOLBORHYNCHUS* AND THE BREEDING OF THE MOUNTAIN PARAKEET. *Avic. Mag.* 87(2):92-97. Apr.-June 1981. WR 183
[Soesterberg, Netherlands]

81-009427 Steffen, Galen L. BOTH SPECIES OF THREE-TOED WOODPECKERS OBSERVED IN THE BLACK HILLS. *S.D. Bird Notes* 33(3):61. Sept. 1981. WR 183
[Burke, SD 57523] *Picoides arcticus* and *P. tridactylus* in South Dakota.

81-009428 Subrahmanyam, M. V. V. and R. V. Krishnamoorthy. PHYSICAL CHARACTERISATION OF THE SONG OF THE KOEL *EUDYNAMIS SCOLOPACEA. J. Bombay Nat. Hist. Soc.* 77(2):247-252. Aug. 1980. WR 183
[Dep. Zool., GKVK Campus, Univ. Agric. Sci., Bangalore 560 065, India]

81-009429 Swierczewski, Edward V. and Robert J. Raikow. HIND LIMB MORPHOLOGY, PHYLOGENY, AND CLASSIFICATION OF THE PICIFORMES. *Auk* 98(3):466-480. July 1981. WR 183
[Raikow: Dep. Biol. Sci., Univ. Pittsburgh, Pittsburgh, PA 15260] Data for 44 spp.

81-009430 Thompson, Dale R. CRIMSON-RUMPED TOUCANET RAMPHASTIDAE *AULACORHYCHUS HAEMATOPYGUS. A.F.A. Watchbird* 7(5):28-29. Oct/Nov. 1980. WR 183

81-009431 Williams, M. D. THE NEST AND EGGS OF THE COASTAL MINER *GEOSITTA PERUVIANA*, A PERUVIAN ENDEMIC. *Ibis* 123(3):366-367. July 1981. WR 183
[Mus. Zool., La. State Univ., Baton Rouge 70893]

81-009432 Zammuto, Richard M. and Edwin C. Franks. CHIMNEY SWIFT TWIG-GATHERING BEHAVIOR. *Inl. Bird Banding* 53(1):7. 1981. WR 183
[Dep. Zool., Univ. Western Ontario, London, Ontario N6A 5B7, Canada] *Chaetura pelagica.*

81-009433 Zammuto, Richard M.; Edwin C. Franks and Charles R. Preston. FACTORS ASSOCIATED WITH THE INTERVAL BETWEEN FEEDING VISITS IN BROOD-REARING CHIMNEY SWIFTS. *J. Field Ornithol.* 52(2):134-139. 1981. WR 183
[Kananaskis Environ. Cent., Univ. Calgary, Seebe, Alberta, Canada T0L 1X0] *Chaetura pelagica.*

AMPHIBIANS AND REPTILES

81-009434 Acosta-A., Carlos Eduardo; Gustavo Huertas-G. and Pedro M. Ruiz-C. NOTICIA PRELIMINAR SOBRE EL HALLAZGO DE UN PRESUNTO KRONOSAURUS (REPTILIA: DOLICHRORHYNCHOPIDAE) EN EL APTIANO SUPERIOR DE VILLA DE LEIVA,

AMPHIBIANS AND REPTILES (CONTINUED)

81-009434 CONTINUED COLOMBIA. [PRELIMINARY NOTE ON THE DISCOVERY OF A PRESUMED KRONOSAURUS (REPTILIA: DOLICHRORHYNCHOPIDAE) IN THE REGION OF VILLA DE LEIVA, COLOMBIA.] *Lozania (Acta Zool. Colombiana)* No. 28. p. 1-7. 11 May 1979. In Spanish. WR 183

81-009435 Beaver, R. W. and R. W. Brauer. PRESSURE/TEMPERATURE INTERACTIONS IN RELATION TO DEVELOPMENT OF HIGH PRESSURE CONVULSIONS IN ECTOTHERM VERTEBRATES. *Comp. Biochem. Physiol. A Comp. Physiol.* 69(4):665-674. 1981. WR 183
[Inst. Marine Biomed. Res., Univ. N.C., 7205 Wrightsville Ave., Wilmington 28403] *Notophthalmus viridescens* and *Anolis carolinensis.*

81-009436 Dyrkacz, Stanley. RECENT INSTANCES OF ALBINISM IN NORTH AMERICAN AMPHIBIANS AND REPTILES. *Soc. Stud. Amphibians Reptiles Herpetol. Circ.* No. 11. i + 32p. 1981. Available at $3.00 from Douglas H. Taylor, Dep. Zool., Miami Univ., Oxford, OH 45056. WR 183
[Sterling Drug, Inc., 1776 Centennial Dr., McPherson, KS 67460]

81-009437 Inger, Robert F. DENSITIES OF FLOOR-DWELLING FROGS AND LIZARDS IN LOWLAND FORESTS OF SOUTHEAST ASIA AND CENTRAL AMERICA. *Am. Nat.* 115(6):761-770. June 1980. WR 183
[Field Mus. Nat. Hist., Roosevelt Rd. at Lake Shore Dr., Chicago, IL 60605]

81-009438 Jones, S. M.; R. E. Ballinger and J. W. Nietfeldt. HERPETOFAUNA OF MORMON ISLAND PRESERVE HALL COUNTY, NEBRASKA. *Prairie Nat.* 13(2):33-41. June 1981. WR 183
[School Life Sci., Univ. Nebr., Lincoln 68588]

81-009439 Lambert, Sherman and William Harper Reid. BIOGEOGRAPHY OF THE COLORADO HERPETOFAUNA. *Am. Midl. Nat.* 106(1):145-156. July 1981. WR 183
[Dep. Ecol. & Evol. Biol., School Biol. Sci., Univ. Calif., Irvine 92717]

81-009440 Rorabaugh, Jim. THE REPTILES AND AMPHIBIANS OF EASTERN SAN DIEGO COUNTY. *Environ. Southwest* 488:23-27. 1980. From Ecol. Abstr. 1981/2:81L/2283. 1981. WR 183

81-009441 Werner, Yehudah L. PRELIMINARY RESULTS OF THE HERPETOFAUNAL SURVEY OF SINAI (1956-57; 1967-79) WITH EMPHASIS ON THE SOUTHERN MOUNTAINS. *Isr. J. Zool.* 29(4):209. 1980. Abstract only. WR 183
[Dep. Zool., Hebrew Univ., Jerusalem, Israel]

81-009442 Werner, Yehudah L. and Eytan Avital. THE HERPETOFAUNA OF MT. HERMON AND ITS ALTITUDINAL DISTRIBUTION. *Isr. J. Zool.* 29(4):192-193. 1980. WR 183
[Dep. Zool., Hebrew Univ., Jerusalem, Israel]

AMPHIBIANS

81-009443 Alberch, Pedro. HETEROCHRONY AND ADAPTATION IN THE EVOLUTION OF *BOLITOGLOSSA* (AMPHIBIA, CAUDATA). *Ph.D. dissertation, Univ. Calif. (Berkeley)* 231p. 1980. From Diss. Abstr. Int. B Sci. Eng. 42(1):97. July 1981. WR 183

AMPHIBIANS (CONTINUED)

81-009444 Altig, Ronald and Michael T. Christensen. BEHAVIORAL CHARACTERISTICS OF THE TADPOLES OF *RANA HECKSCHERI*. *J. Herpetol.* 15(2):151-154. 30 Apr. 1981. WR 183
[Dep. Biol. Sci., Miss. State Univ., Mississippi State 39762]

81-009445 Baker, M. R. *AMPHIBIOPHILUS VERSTERAE* N. SP. AND A. *NATALENSIS* (WALTON, 1935) (NEMATODA: TRICHOSTRONGYLOIDEA) FROM *RANA* SPP. (ANURA) OF SOUTHERN AFRICA. *Can. J. Zool.* 59(8):1510-1517. Aug. 1981. In English with French summ. WR 183
[Lab. Zool., Mus. Natl. Hist. Nat., 43 rue Cuvier, 85231 Paris Cedex 05, France]

81-009446 Baldwin, Geraldine F. and P. J. Bentley. CALCIUM EXCHANGES IN TWO NEOTENIC URODELES: *NECTURUS MACULOSUS* AND *AMBYSTOMA TIGRINUM*. ROLE OF THE INTEGUMENT. *Comp. Biochem. Physiol. A Comp. Physiol.* 70(1):65-68. 1981. WR 183
[Bentley: Mount Sinai School Med., City Univ. New York, New York, NY 10029]

81-009447 Bartlett, R. D. THE QUEST FOR A "STRANGE" TREEFROG. *North. Ohio Assoc. Herpetol. Notes* 8(8):7-9. 21 May 1981. WR 183
[Reptilian Breeding & Res. Inst., Fort Myers, FL] *Hyla cinerea* and *H. gratiosa*.

81-009448 Beebee, Trevor J. C. HABITATS OF THE BRITISH AMPHIBIANS (4): AGRICULTURAL LOWLANDS AND A GENERAL DISCUSSION OF REQUIREMENTS. *Biol. Conserv.* 21(2):127-139. Oct. 1981. WR 183
[School Biol., Univ. Sussex, Falmer, Brighton BN1 9QG, England] *Triturus vulgaris, T. helveticus, T. cristatus* and *Rana temporaria*.

81-009449 Bobka, Marlene S.; Robert G. Jaeger and Donald C. McNaught. TEMPERATURE DEPENDENT ASSIMILATION EFFICIENCIES OF TWO SPECIES OF TERRESTRIAL SALAMANDERS. *Copeia* 1981(2):417-421. May 1981. WR 183
[Dep. Biol. Sci., State Univ. N.Y., Albany 12222] *Plethodon cinereus* and *P. shenandoah* in Virginia.

81-009450 Boyd, C. A. R. and M. R. Ward. OLIGOPEPTIDE ABSORPTION: MICRO-ELECTRODE EVIDENCE FOR MORE THAN ONE DIPEPTIDE TRANSPORT SYSTEM IN *NECTURUS MACULOSUS*. *J. Physiol. (Lond.)* 318:64P. Sept. 1981. WR 183
[Dep. Anat., Univ. Oxford, OX1 3QX, England]

81-009451 Breaux, Carol Blakney. DNA TOPOISOMERASE I FROM OVARIES OF THE FROG, *XENOPUS LAEVIS*. *Ph.D. dissertation, Johns Hopkins Univ.* 130p. 1981. From Diss. Abstr. Int. B Sci. Eng. 42(3):874. 1981. Sept. 1981. WR 183

81-009452 Brodie, Edmund D., Jr. and Daniel R. Formanowicz, Jr. PALATABILITY AND ANTIPREDATOR BEHAVIOR OF THE TREEFROG *HYLA VERSICOLOR* TO THE SHREW *BLARINA BREVICAUDA*. *J. Herpetol.* 15(2):235-236. 30 Apr. 1981. WR 183
[Biol. Dep., Adelphi Univ., Garden City, NY 11530]

81-009453 Brodie, Edmund D., Jr. and Daniel R. Formanowicz, Jr. LARVAE OF THE PREDACEOUS DIVING BEETLE *DYTISCUS VERTICALIS* ACQUIRE AN AVOIDANCE RESPONSE TO SKIN SECRETIONS OF THE NEWT *NOTOPHTHALMUS VIRIDESCENS*.

AMPHIBIANS (CONTINUED)

81-009453 CONTINUED *Herpetologica* 37(3):172-176. Sept. 1981. WR 183
[Biol. Dep., Adelphi Univ., Garden City, NY 11530]

81-009454 Brown, Stephen C.; Patricia Stocking Brown and Kenneth P. Wittig. EFFECTS OF HYPOPHYSECTOMY AND PROLACTIN ON SODIUM BALANCE IN THE NEWT, *TARICHA TOROSA*. *Gen. Comp. Endocrinol.* 45(2):256-261. Oct. 1981. WR 183
[Dep. Biol. Sci., State Univ. N.Y., Albany 12222]

81-009455 Bueno, Ch.; P. Navas; J. A. Aguirre; J. Aijón and J. L. López-Campos. SKIN MUCOUS GLANDS OF *PLEURODELES WALTLII* MICH. HISTOCHEMICAL AND ULTRASTRUCTURAL STUDY. *Arch. Biol.* 92(1):67-72. 1981. In English with French summ. WR 183
[Navas: Dep. Citol. & Histol., Univ. Seville, Fac. Biol., Seville, Spain]

81-009456 Cannatella, David C. A NEW *ATELOPUS* FROM ECUADOR AND COLOMBIA. *J. Herpetol.* 15(2):133-138. 30 Apr. 1981. WR 183
[Mus. Nat. Hist., Univ. Kans., Lawrence 66045] *Atelopus lynchi*.

81-009457 Catalano, Paul A. and Frank J. Etges. *PLAGIOPORUS GYRINOPHILI* SP. N. (TREMATODA: OPECOELIDAE) FROM *GYRINOPHILUS PORPHYRITICUS DURYI* AND *PSEUDOTRITON RUBER* (CAUDATA: PLETHODONTIDAE). *Proc. Helminthol. Soc. Wash.* 48(2):198-201. July 1981. WR 183
[Dep. Biol. Sci., Univ. Cincinnati, Cincinnati, OH 45221]

81-009458 Chung, S. H.; A. G. Pettigrew and M. Anson. HEARING IN THE FROG: DYNAMICS OF THE MIDDLE EAR. *Proc. R. Soc. Lond. B Biol. Sci.* 212(1189):459-485. 19 Aug. 1981. WR 183
[Natl. Inst. Med. Res., Mill Hill, London NW7 1AA, England] *Rana temporaria* and *R. esculenta*.

81-009459 Collins, James P. DISTRIBUTION, HABITATS AND LIFE HISTORY VARIATION IN THE TIGER SALAMANDER, *AMBYSTOMA TIGRINUM*, IN EAST-CENTRAL AND SOUTHEAST ARIZONA. *Copeia* 1981(3):666-675. 26 Aug. 1981. WR 183
[Dep. Zool., Ariz. State Univ., Tempe 85281]

81-009460 Conza, Nancy Ellen. HYDRO-OSMOTIC ACTIVITY OF VASOTOCIN-LIKE SUBSTANCE IN THE PLASMA OF *RANA PIPIENS*. *M.S. thesis, Adelphi Univ.* 85p. 1980. From Masters Abstr. 19(2):181. June 1981. WR 183

81-009461 Corn, Paul Stephen. FIELD EVIDENCE FOR A RELATIONSHIP BETWEEN COLOR AND DEVELOPMENTAL RATE IN THE NORTHERN LEOPARD FROG (*RANA PIPIENS*). *Herpetologica* 37(3):155-160. Sept. 1981. WR 183
[Dep. Zool. & Entomol., Colo. State Univ., Fort Collins 80523]

81-009462 David, Robyn S. and Robert G. Jaeger. PREY LOCATION THROUGH CHEMICAL CUES BY A TERRESTRIAL SALAMANDER. *Copeia* 1981(2):435-440. May 1981. WR 183
[Dep. Biol. Sci., State Univ. N.Y., Albany 12222] *Plethodon cinereus*.

AMPHIBIANS (CONTINUED)

81-009463 De Piceis Polver, P.; S. Barni and R. Nano. ULTRASTRUCTURE OF THE URINARY BLADDER OF *SALAMANDRA SALAMANDRA* (L.) (AMPHIBIA CAUDATA). *Monit. Zool. Ital.* 15(2):123-132. 1981. In English with Italian summ. WR 183
[Ist. Anat. Comp., Univ. Pavia Piazza Botta 10, 27 100 Pavia, Italy]

81-009464 De Saint-Aubain, Marie Louise. SHUNTS IN THE GILL FILAMENT IN TADPOLES OF *RANA TEMPORARIA* AND *BUFO BUFO* (AMPHIBIA, ANURA). *J. Exp. Zool.* 217(1):143-145. July 1981. WR 183
[Inst. Comp. Anat., Univ. Copenhagen, Copenhagen, Denmark]

81-009465 Dongen, Walter van; Rob Zaal; Antoon Moorman and Olivier Destrée. QUANTITATION OF THE ACCUMULATION OF HISTONE MESSENGER RNA DURING OOGENESIS IN *XENOPUS LAEVIS*. *Dev. Biol.* 86(2):303-314. Sept. 1981. WR 183
[Dep. Anat. & Embryol., Univ. Amsterdam, Mauritskade 61, 1091 AD Amsterdam, Netherlands]

81-009466 Douglas, Michael Edward and Burt L. Monroe, Jr. A COMPARATIVE STUDY OF TOPOGRAPHICAL ORIENTATION IN *AMBYSTOMA* (AMPHIBIA: CAUDATA). *Copeia* 1981(2):460-463. May 1981. WR 183
[Okla. Biol. Surv., Univ. Okla., Norman 73019]

81-009467 Drewes, Robert C. and Barry Roth. SNAIL-EATING FROGS FROM THE ETHIOPIAN HIGHLANDS: A NEW ANURAN SPECIALIZATION. *Zool. J. Linn. Soc.* 72(3):267-287. July 1981. WR 183
[Dep. Herpetol., Calif. Acad. Sci., Golden Gate Park, San Francisco 94118] *Kassina* and *Tornierella*.

81-009468 Duellman, William E. and John D. Lynch. NOMENCLATURAL RESOLUTION OF THE IDENTITIES OF *HYLA AURANTIACA* AND *HYLA LACTEA*. *J. Herpetol.* 15(2):237-239. 30 Apr. 1981. WR 183
[Mus. Nat. Hist., Univ. Kans., Lawrence 66045]

81-009469 Dwyer, James Daniel. A LIGHT AND ELECTRON MICROSCOPE STUDY OF THE INTEGUMEN OF AESTIVATING AND NON AESTIVATING *XENOPUS LAEVIS*. *M.A. thesis, State Univ. N.Y. (Geneseo)* 55p. 1980. From Masters Abstr. 19(2):118. June 1981. WR 183

81-009470 Formanowicz, Daniel R., Jr.; Margaret M. Stewart; Karyn Townsend; F. Harvey Pough and Peter F. Brussard. PREDATION BY GIANT CRAB SPIDERS ON THE PUERTO RICAN FROG *ELEUTHERODACTYLUS COQUI*. *Herpetologica* 37(3):125-129. Sept. 1981. WR 183
[Dep. Biol. Sci., State Univ. N.Y., Albany 12222]

81-009471 Fritz, Gary; A. Stanley Rand and Claude W. dePamphilis. THE APOSEMATICALLY COLORED FROG, *DENDROBATES PUMILIO*, IS DISTASTEFUL TO THE LARGE, PREDATORY ANT, *PARAPONERA CLAVATA*. *Biotropica* 13(2):158-159. June 1981. WR 183
[Univ. Fla., Gainesville 30316]

81-009472 Fuzessery, Zoltan M. and Albert S. Feng. FREQUENCY REPRESENTATION IN THE DORSAL MEDULLARY NUCLEUS OF THE LEOPARD FROG, *RANA P. PIPIENS*. *J. Comp. Physiol. A Sens. Neural Behav. Physiol.* 143(3):339-347.

AMPHIBIANS (CONTINUED)

81-009472 CONTINUED Aug. 1981. WR 183
[Dep. Physiol. & Biophysics, Univ. Ill., Urbana 61801]

81-009473 Gerhardt, H. Carl. MATING CALL RECOGNITION IN THE BARKING TREEFROG (*HYLA GRATIOSA*): RESPONSES IN SYNTHETIC CALLS AND COMPARISONS WITH THE GREEN TREEFROG (*HYLA CINEREA*). *J. Comp. Physiol. A Sens. Neural Behav. Physiol.* 144(1):17-25. 1 Sept. 1981. WR 183
[Div. Biol. Sci., Univ. Mo., Columbia 65211]

81-009474 Gerhardt, H. Carl. MATING CALL RECOGNITION IN THE GREEN TREEFROG (*HYLA CINEREA*): IMPORTANCE OF TWO FREQUENCY BANDS AS A FUNCTION OF SOUND PRESSURE LEVEL. *J. Comp. Physiol. A Sens. Neural Behav. Physiol.* 144(1):9-16. 1 Sept. 1981. WR 183
[Div. Biol. Sci., Univ. Mo., Columbia 65211]

81-009475 Golden, Lynn Iphigene. AN EXAMINATION OF INDIVIDUAL pA+ RNAs IN AMPHIBIAN OOGENESIS. *Ph.D. dissertation, Brandeis Univ.* 137p. 1981. From Diss. Abstr. Int. B Sci. Eng. 42(2):469. Aug. 1981. WR 183
Triturus cristatus and *Xenopus laevis*.

81-009476 Grably, Sarah and Yvette Piery. WEIGHT AND TISSUE CHANGES IN LONG TERM STARVED FROGS *RANA ESCULENTA*. *Comp. Biochem. Physiol. A Comp. Physiol.* 69(4):683-688. 1981. WR 183
[Lab. Physiol. Anim., Univ. Sci. & Med. Grenoble, BP 53X, 38041, Grenoble Cedex, France]

81-009477 Greven, H. Na-PUMP SITES IN THE OVIDUCT OF *SALAMANDRA SALAMANDRA* (L.) (AMPHIBIA, URODELA). *Experientia (Basel)* 37(7):771-772. 15 July 1981. WR 183
[Zool. Inst., Univ. Münster, Hofferstraße 1, D-4400 Münster, West Germany]

81-009478 Gupta, N. K. and Shashi Arora. ON *PROTEOCEPHALUS TIGRINUS* WOODLAND, 1925 (PROTEOCEPHALOIDEA: PROTEOCEPHALIDAE), A CESTODE PARASITE OF *RANA TIGRINA* AT AMRITSAR (PUNJAB, INDIA). *Res. Bull. Panjab Univ.* 30(1-4):79-82. June-Dec. 1979. WR 183
[Dep. Zool., Panjab Univ., Chandigarh, India]

81-009479 Guyétant, R.; J. P. Herold and G. Cudey. MICROCALORIMETRIC MEASUREMENTS OF ENERGY FLUX IN *RANA TEMPORARIA* L. AND *BUFO BUFO* L. TADPOLES DURING DEVELOPMENT. *Comp. Biochem. Physiol. A Comp. Physiol.* 69(4):705-708. 1981. WR 183
[Lab. Biol. & Ecol. Anim., Fac. Sci. & Tech., La Bouloie, Route de Gray, 2500 Besancon Cédex, France]

81-009480 Hairston, Nelson G. SPECIES PACKING IN THE SALAMANDER GENUS *DESMOGNATHUS*: WHAT ARE THE INTERSPECIFIC INTERACTIONS INVOLVED? *Am. Nat.* 115(3):354-366. Mar. 1980. WR 183•
[Dep. Zool., Univ. N.C., Chapel Hill 27514] Data for 6 spp.

AMPHIBIANS (CONTINUED)

81-009481 Han Hwa Kim; Young Tai Noh; Young Wha Chung and Young Duk Chi. [ULTRASTRUCTURE OF THE CUTANEOUS GLAND IN THE ASIATIC LAND SALAMANDER, *HYNOBIUS LEECHI*. II. GRANULAR GLAND.] *Kor. J. Zool.* 23(4):219-228. 1980. From Kor. Sci. Abstr. 13(2):81/285. Apr. 1981. In Korean. WR 183

81-009482 Hanken, James. MORPHOLOGICAL AND GENETIC INVESTIGATIONS OF MINIATURIZATION IN SALAMANDERS (GENUS *THORIUS*). *Ph.D. dissertation, Univ. Calif. (Berkeley)* 328p. 1980. From Diss. Abstr. Int. B Sci. Eng. 42(1):99. July 1981. WR 183

81-009483 Harri, M. N. E. HYPERGLYCAEMIA AND HYPERLACTACIDEMIA AS STRESS INDICATORS IN THE FROG (*RANA TEMPORARIA*). *Comp. Biochem. Physiol. C Comp. Pharmacol.* 69(2):371-374. 1981. WR 183
[Dep. Physiol., Univ. Kuopio, P.O. Box 138, SF-70101 Kuopio 10, Finland]

81-009484 Haynes, C. M. and S. D. Aird. THE DISTRIBUTION AND HABITAT REQUIREMENTS OF THE WOOD FROG (RANIDAE: *RANA SYLVATICA* LE CONTE) IN COLORADO. *Colo. Div. Wildl. Spec. Rep.* No. 50. vi + 29p. Aug. 1981. Price $1.00. WR 183
[Colo. Div. Wildl., Fort Collins]

81-009485 Heasman, J. and C. C. Wylie. CONTACT RELATIONS AND GUIDANCE OF PRIMORDIAL GERM CELLS ON THEIR MIGRATORY ROUTE IN EMBRYOS OF *XENOPUS LAEVIS*. *Proc. R. Soc. Lond. B Biol. Sci.* 213(1190):41-58. 17 Sept. 1981. WR 183
[Anat. Dep., St. George's Hosptial Med. School, Cranmer Terrace, Tooting, London SW17, England]

81-009486 Hetherington, Thomas E. MORPHOLOGY OF THE PINEAL ORGAN IN THE SALAMANDER *ENSATINA ESCHSCHOLTZI*. *J. Morphol.* 169(2):191-206. Aug. 1981. WR 183
[Dep. Zool., Univ. Calif., Berkeley 94720]

81-009487 Hillis, David M. PREMATING ISOLATING MECHANISMS AMONG THREE SPECIES OF THE *RANA PIPIENS* COMPLEX IN TEXAS AND SOUTHERN OKLAHOMA. *Copeia* 1981(2):312-319. May 1981. WR 183
[Dep. Biol., Baylor Univ., Waco, TX 76798]

81-009488 Howard, James H. and Richard L. Wallace. MICROGEOGRAPHICAL VARIATION OF ELECTROPHORETIC LOCI IN POPULATIONS OF *AMBYSTOMA MACRODACTYLUM COLUMBIANUM* (CAUDATA: AMBYSTOMATIDAE). *Copeia* 1981(2):466-471. May 1981. WR 183
[Dep. Biol., Frostburg State Coll., Frostburg, MD 21532]

81-009489 Howard, Richard D. SEXUAL DIMORPHISM IN BULLFROGS. *Ecology* 62(2):303-310. Apr. 1981. WR 183
[Dep. Biol. Sci., Purdue Univ., West Lafayette, IN 47907] *Rana catesbeiana* in Michigan.

81-009490 Hutchison, Victor H.; Kirk Miller and Ronald K. Gratz. THE ANAEROBIC CONTRIBUTION TO SUSTAINED ACTIVITY IN THE GIANT TOAD *BUFO MARINUS*. *Comp. Biochem. Physiol. A Comp. Physiol.* 69(4):693-696. 1981. WR 183
[Dep. Zool., Univ. Okla., Norman 73019]

AMPHIBIANS (CONTINUED)

81-009491 Jaffe, Randal C. PLASMA CONCENTRATION OF CORTICOSTERONE DURING *RANA CATESBEIANA* TADPOLE METAMORPHOSIS. *Gen. Comp. Endocrinol.* 44(3):314-318. July 1981. WR 183
[Dep. Physiol. & Biophysics, Univ. Ill., 901 South Wolcott St., Chicago 60612]

81-009492 Jørgensen, J. Mørup. ON A POSSIBLE HAIR CELL TURN-OVER IN THE INNER EAR OF THE CAECILIAN *ICHTHYOPHIS GLUTINOSUS* (AMPHIBIA: GYMNOPHIONA). *Acta Zool. (Stockh.)* 62(3):171-186. 1981. WR 183
[Zool. Lab., Univ. Aarhus, Bygning 140, DK-8000 Aarhus C, Denmark]

81-009493 John, Kenneth R. and James M. Fusaro. GROWTH AND METAMORPHOSIS OF SOLITARY *RANA PIPIENS* TADPOLES IN CONFINED SPACE. *Copeia* 1981(3):737-941. 26 Aug. 1981. WR 183
[Biol. Dep., Franklin & Marshall Coll., Lancaster, PA 17604]

81-009494 Karlin, Alvan A. and Sheldon I. Guttman. HYBRIDIZATION BETWEEN *DESMOGNATHUS FUSCUS* AND *DESMOGNATHUS OCHROPHAEUS* (AMPHIBIA: URODELA: PLETHODONTIDAE) IN NORTHEASTERN OHIO AND NORTHWESTERN PENNSYLVANIA. *Copeia* 1981(2):371-377. May 1981. WR 183
[Tall Timbers Res. Stn., Rt. 1, Box 160, Tallahassee, FL 32312]

81-009495 Kaung, Hue-Lee Cheng. IMMUNOCYTOCHEMICAL LOCALIZATION OF PANCREATIC ENDOCRINE CELLS IN FROG EMBRYOS AND YOUNG LARVAE. *Gen. Comp. Endocrinol.* 45(2):204-211. Oct. 1981. WR 183
[Dep. Anat., Univ. Minn., Minneapolis 55455] *Rana pipiens.*

81-009496 Kiester, A. R.; Thomas Nagylaki and B. Shaffer. POPULATION DYNAMICS OF SPECIES WITH GYNOGENETIC SIBLING SPECIES. *Theor. Popul. Biol.* 19(3):358-369. June 1981. WR 183
[Dep. Biol., Univ. Chicago, Chicago, IL 60637] *Ambystoma* spp.

81-009497 Kobayashi, Shinichi; Kazuyuki Takahara and Kazuya Kamijo. MONOAMINE OXIDASE IN FROG LIVER AND BRAIN. *Comp. Biochem. Physiol. C. Comp. Pharmacol.* 69(2):179-183. 1981. WR 183
[Dep. Pharmacol., School Med., Showa Univ., Shinagawaku, Tokyo 142, Japan] *Rana catesbeiana.*

81-009498 Kobel, H. R.; L. Du Pasquier and R. C. Tinsley. NATURAL HYBRIDIZATION AND GENE INTROGRESSION BETWEEN *XENOPUS GILLI* AND *XENOPUS LAEVIS LAEVIS* (ANURA: PIPIDAE). *J. Zool. (Lond.)* 194(3):317-322. July 1981. WR 183
[Dep. Zool., Westfield Coll, Univ. London, London, England]

81-009499 Kruse, Kipp C. PHONOTACTIC RESPONSES OF FEMALE NORTHERN LEOPARD FROGS (*RANA PIPIENS*) TO *RANA BLAIRI*, A PRESUMED HYBRID, AND CONSPECIFIC MATING TRILLS. *J. Herpetol.* 15(2):145-150. 20 Apr. 1981. WR 183
[Dep. Zool., Eastern Ill. Univ., Charleston 61920]

81-009500 Kullberg, Richard. SYNAPTIC CURRENTS AT THE DEVELOPING NEUROMUSCULAR JUNCTION. *Proc. Alaska Sci. Conf. (Fairbanks)* 32:74-75. 1981. Abstract only. WR 183
[Biol. Dep., Univ. Alaska, Anchorage 99504] *Xenopus laevis.*

AMPHIBIANS (CONTINUED)

81-009501 Kulo, Sim-Dozou. PRÉSENCE AU TOGO DE *METAPOLYSTOMA CACHANI* (GALLIEN, 1957) COMBES, 1976 (MONOGENEA) CHEZ L'AMPHIBIEN *PTYCHADENA LONGIROSTRIS* (PETERS, 1870). [THE PRESENCE IN TOGO OF *METAPOLYSTOMA CACHANI* (GALLIEN, 1957) COMBES, 1976 (MONOGENEA) IN THE AMPHIBIAN *PTYCHADENA LONGIROSTRIS* (PETERS, 1870).] *Bull. Soc. Zool. Fr.* 106(2):177-181. 1981. In French with English summ. WR 183
[Lab. Biol. Générale, Univ. Perpignan, 66000 Perpignan, France]

81-009502 Kumar, Suresh and M. P. Yadav. NOTE ON COXIELLOSIS (*COXIELLA BURNETTII*) INFECTION IN AMPHIBIANS. *Indian J. Anim. Sci.* 51(3):390-391. Mar. 1981. WR 183
[Dep. Epidemiol., Coll. Vet. Sci., Haryana Agric. Univ., Hissar 125 004, India]

81-009503 Kuramoto, Mitsuru. RELATIONSHIPS BETWEEN NUMBER, SIZE AND SHAPE OF RED BLOOD CELLS IN AMPHIBIANS. *Comp. Biochem. Physiol. A Comp. Physiol.* 69(4):771-775. 1981. WR 183
[Dep. Biol., Fukuoka Univ. Education, Munakata, Fukuoka 811-41, Japan] Data for 20 species and subspecies of amphibians (5 urodeles and 15 anurans).

81-009504 Lanza, B. and S. Vanni. ON THE BIOGEOGRAPHY OF PLETHODONTID SALAMANDERS (AMPHIBIA CAUDATA) WITH A DESCRIPTION OF A NEW GENUS. *Monit. Zool. Ital.* 15(2):117-121. 1981. In English with Italian summ. WR 183
[Ist. Anat. Comp., Mus. Zool., Univ. Firenza, 50125 Florence, Italy] *Hydromantoides*.

81-009505 Latsis, R. V. and N. Yu. Smyslova. MIGRATION OF PRECURSOR CELLS OF BLOOD IN PARABIONTS OF *RANA TEMPORARIA* L. EMBRYOS. *Dokl. Biol. Sci. (Engl. Transl. Dokl. Akad. Nauk SSSR Ser. Biol.)* 256(1-6):14-16. July 1981. Translated from Dokl. Akad. Nauk SSSR 256(6):1491-1493. Feb. 1981. WR 183
[M. V. Lomonosov Moscow State Univ., Moscow, USSR]

81-009506 Lee, Julian C. and Martha L. Crump. MORPHOLOGICAL CORRELATES OF MALE MATING SUCCESS IN *TRIPRION PETASATUS* AND *HYLA MARMORATA* (ANURA: HYLIDAE). *Oecologia (Berl.)* 50(2):153-157. 11 Aug. 1981. WR 183
[Dep. Biol., Univ. Miami, Coral Gables, FL 33124]

81-009507 Lee, Sherwin C. and Richard A. Steinhardt. pH CHANGES ASSOCIATED WITH MEIOTIC MATURATION IN OOCYTES OF *XENOPUS LAEVIS*. *Dev. Biol.* 85(2):358-369. 30 July 1981. WR 183
[Steinhardt: Dep. Zool., Univ. Calif., Berkeley 94720]

81-009508 Loman, Jon. SPACING MECHANISMS IN A POPULATION OF THE COMMON FROG *RANA TEMPORARIA* DURING THE NON-BREEDING PERIOD. *Oikos* 37(2):225-227. Sept. 1981. In English with Russian summ. WR 183
[Dep. Anim. Ecol., Univ. Lund, Ecology Bldg., S-223 62 Lund, Sweden]

81-009509 Luthardt, Gisela and Gerhard Roth. THE INFLUENCE OF PREY EXPERIENCE ON MOVEMENT PATTERN PREFERENCE IN *SALAMANDRA SALAMANDRA* (L.). *Z. Tierpsychol.* 51(3):252-259. Nov. 1979. In English with German summ.

AMPHIBIANS (CONTINUED)

81-009509 CONTINUED WR 183
[Univ. Bremen, Fachbereich 3 (Biol./Chem.), Postfach 33 04 40, D-2800 Bremen 33, West Germany]

81-009510 MacNally, Ralph C. AN ANALYSIS OF FACTORS AFFECTING METABOLIC RATES OF TWO SPECIES OF *RANIDELLA* (ANURA). *Comp. Biochem. Physiol. A Comp. Physiol.* 69(4):731-737. 1981. WR 183
[Dep. Zool., Univ. Melbourne, Parkville, Victoria 3052, Australia] *Ranidella signifera* and *R. parinsignifera.*

81-009511 Maguire, Christine C. *PLETHODON GLUTINOSUS* METABOLISM: APPLICABILITY TO NATURAL POPULATIONS. *J. Herpetol.* 15(2):127-132. 30 Apr. 1981. WR 183
[P.O. Box 1121, Weaverville, CA 96093]

81-009512 Malacinski, George M. and Hae Moon Chung. ESTABLISHMENT OF THE SITE OF INVOLUTION AT NOVEL LOCATIONS ON THE AMPHIBIAN EMBRYO. *J. Morphol.* 169(2):149-159. Aug. 1981. WR 183
[Dep. Biol., Ind. Univ., Bloomington 47405] *Rana pipiens, Ambystoma mexicana* and *Xenopus laevis.*

81-009513 Manis, Mara Lee. THE EFFECTS OF THE PRESENCE OF CONSPECIFICS ON THE FEEDING BEHAVIOR OF THREE SPECIES OF BUFONID ANURANS. *M.S. thesis, Adelphi Univ.* 52p. 1981. From Masters Abstr. 19(3):281. Sept. 1981. WR 183
Bufo boreas, B. garmeni and *B. americanus.*

81-009514 Maxson, Linda R. ALBUMIN EVOLUTION AND ITS PHYLOGENETIC IMPLICATIONS IN TOADS OF THE GENUS *BUFO*. II. RELATIONSHIPS AMONG EURASIAN *BUFO*. *Copeia* 1981(3):579-583. 26 Aug. 1981. WR 183
[Dep. Genetics & Dev., Univ. Ill., Urbana 61801] *B. bufo, B. viridis, B. stomaticus* and *B. melanostictus.*

81-009515 Miranda, M.; D. Botti; M. Di Cola and A. M. Ragnelli. SOME PROPERTIES OF *BUFO BUFO* TYROSINASE DURING DEVELOPMENT. *Experientia (Basel)* 37(9):938-939. 15 Sept. 1981. WR 183
[Inst. Gen. Biol., Univ., L'Aquila, Via Assergi 6, I-67100 L'Aquila, Italy]

81-009516 Mulner, Odile and René Ozon. THE ROLES OF FOLLICULAR ENVELOPES IN THE INITIATION OF *XENOPUS* OOCYTE MATURATION. *Gen. Comp. Endocrinol.* 44(3):335-343. July 1981. WR 183
[Lab. Physiol. Reproduction, Equipe Recherche Assoc. CNRS 694, Univ. Pierre & Marie Curie 9, Quai Saint Bernard, 75005 Paris, France] *Xenopus laevis.*

81-009517 Murith, Danièle. CONTRIBUTION À L'ÉTUDE DE LA SYSTÉMATIQUE DES POLYSTOMES (MONOGÈNES, POLYSTOMATIDAE) PARASITES D'AMPHIBIENS ANOURES DE BASSE CÔTE-D'IVOIRE. [CONTRIBUTION TO THE STUDY OF POLYSTOMES (MONOGENEA, POLYSTOMATIDAE), PARASITES OF AMPHIBIA IN LOWER IVORY COAST.] *Rev. Suisse Zool.* 88(2):475-533. 1981. In French with English summ. WR 183
[Inst. Zool., Univ. Neuchâtel, Rue E. Argand 11, 2000 Neuchâtel-7, Switzerland]

AMPHIBIANS (CONTINUED)

81-009518 Nace, G. W. and J. W. Tremor. CLINOSTAT EXPOSURE AND SYMMETRIZATION OF FROG EGGS. *Pflügers Arch. Eur. J. Physiol.* 391(suppl):R63. 1981. Abstract only. WR 183
[Div. Biol. Sci., Univ. Mich., Ann Arbor 48109] *Rana pipiens, Xenopus laevis* and *Bombina orientalis*.

81-009519 Neubert, J. GRAVITY SENSING SYSTEM FORMATION IN TADPOLES (*RANA TEMPORARIA*) DEVELOPED IN WEIGHTLESSNESS SIMULATION. *Pflügers Arch. Eur. J. Physiol.* 391(suppl):R64. 1981. Abstract only. WR 183
[Deutsche Forschungs- & Versuchsanstalt Luft- & Raumfahrt, Inst. Flugmed., Linder Höhe, D-5000 Cologne 90, West Germany]

81-009520 Noland, Rosemarie and Gordon R. Ultsch. THE ROLES OF TEMPERATURE AND DISSOLVED OXYGEN IN MICROHABITAT SELECTION BY THE TADPOLES OF A FROG (*RANA PIPIENS*) AND A TOAD (*BUFO TERRESTRIS*). *Copeia* 1981(3):645-652. 26 Aug. 1981. WR 183
[Dep. Biol., Univ. Ala., Tuscaloosa 35486]

81-009521 Norris, David O.; William A. Gern and Karen Greendale. DIURNAL AND SEASONAL VARIATIONS IN THYROID FUNCTION OF NEOTENIC TIGER SALAMANDERS (*AMBYSTOMA TIGRINUM*). *Gen. Comp. Endocrinol.* 45(1):134-137. Sept. 1981. WR 183
[DEPOB, Univ. Colo., Boulder 80309]

81-009522 Nussbaum, Ronald A. *SCOLECOMORPHUS LAMOTTEI*, A NEW CAECILIAN FROM WEST AFRICA (AMPHIBIA: GYMNOPHIONA: SCOLECOMORPHIDAE). *Copeia* 1981(2):265-269. May 1981. WR 183
[Mus. Zool. & Dep. Ecol. Evol., Univ. Mich., Ann Arbor 48109]

81-009523 Pang, Peter K. T. PITUITARY AND PROLACTIN INFLUENCES ON CALCIUM REGULATION IN THE MUD PUPPY, *NECTURUS MACULOSUS*. *Gen. Comp. Endocrinol.* 44(4):524-529. Aug. 1981. WR 183
[Dep. Pharmacol. & Therapeutics, Tex. Tech Univ. Health Sci. Cent., Lubbock 79430]

81-009524 Passmore, N. I. SOUND LEVELS OF MATING CALLS OF SOME AFRICAN FROGS. *Herpetologica* 37(3):166-171. Sept. 1981. WR 183
[Dep. Zool., Univ. Witwatersrand, Johannesberg 2001, South Africa] Data for 17 spp.

81-009525 Paulov, Štefan. RIZIKOVOSŤ FUNGICÍDU AFUGANU (PYRAZOFOS) PRE VÝVIN OBOJŽIVELNÍKOV (*RANA TEMPORARIA* L.). [HAZARDS OF THE FUNGICIDE AFUGAN (PYRASOPHOS) FOR THE DEVELOPMENT OF AMPHIBIA (*RANA TEMPORARIA* L.).] *Biológia (Bratisl.)* 36(2):135-140. 1981. With Russian and English summ. WR 183
[Zool. & Fyziol., Univ. Komenského, Moskovská 2, 886 04 Bratislava, Czechoslovakia]

81-009526 Perez-Higareda, Gonzalo. ADDITIONS TO THE KNOWLEDGE OF THE AMPHIBIANS OF THE ESTACION DE BIOLOGIA TROPICAL "LOS TUXTLAS" (U.N.A.M.), VERACRUZ, MEXICO. *Bull. Md. Herpetol. Soc.* 17(2):61-63. June 1981. WR 183
[Estacion Biol. Trop. "Los Tuxtlas", Inst. Biol., Univ. Nacl. Autonoma Mexico, Apartado Postal 51, Catemaco, Veracruz, Mexico]

AMPHIBIANS (CONTINUED)

81-009527 Petranka, James W. and John G. Petranka. ON THE EVOLUTION OF NEST SITE SELECTION IN THE MARBLED SALAMANDER, *AMBYSTOMA OPACUM*. *Copeia* 1981(2):387-391. May 1981. WR 183
[Dep. Biol. Sci., Univ. Ky., Lexington 40506]

81-009528 Pettigrew, A. G.; M. Anson and S. H. Chung. HEARING IN THE FROG: A NEUROPHYSIOLOGICAL STUDY OF THE AUDITORY RESPONSE IN THE MIDBRAIN. *Proc. R. Soc. Lond. B Biol. Sci.* 212(1189):433-457. 19 Aug. 1981. WR 183
[Dep. Physiol., Univ. Sydney, Sydney, New South Wales, Australia] *Rana temporaria* and *R. esculenta*.

81-009529 Pierce, Benjamin A.; Jeffry B. Mitton and Francis L. Rose. ALLOZYME VARIATION AMONG LARGE, SMALL AND CANNIBAL MORPHS OF THE TIGER SALAMANDER INHABITING THE LLANO ESTACADO OF WEST TEXAS. *Copeia* 1981(3):590-595. 26 Aug. 1981. WR 183
[Dep. Zool., Conn. Coll., New London 06302] *Ambystoma tigrinum*.

81-009530 Platz, J. E. SUTURE ZONE DYNAMICS: TEXAS POPULATIONS OF *RANA BERLANDIERI* AND *R. BLAIRI*. *Copeia* 1981(3):733-734. 26 Aug. 1981. WR 183
[Dep. Biol., Creighton Univ., Omaha, NE 68178]

81-009531 Pollack, Emanuel D. and Mary Richmond. ANALYSIS OF MESENCHYME IN THE DEVELOPING HIND LIMB OF *RANA PIPIENS* LARVAE WITH IMPLICATIONS FOR NEURAL DEVELOPMENT. *J. Morphol.* 169(2):253-257. June 1981. WR 183
[Ill. Inst. Dev. Disabilities, Chicago 60608]

81-009532 Post, Thomas J. and Thomas Uzzell. THE RELATIONSHIPS OF *RANA SYLVATICA* AND THE MONOPHYLY OF THE *RANA BOYLII* GROUP. *Syst. Zool.* 30(2):170-180. June 1981. WR 183
[Dep. Vertebr. Biol., Acad. Nat. Sci., Philadelphia, PA 19103]

81-009533 Pregill, Gregory. CRANIAL MORPHOLOGY AND THE EVOLUTION OF WEST INDIAN TOADS (SALIENTIA: BUFONIDAE): RESURRECTION OF THE GENUS *PELTOPHRYNE* FITZINGER. *Copeia* 1981(2):273-285. May 1981. WR 183
[Dep. Vertebr. Zool., U.S. Natl. Mus., Smithsonian Inst., Washington, DC 20560]

81-009534 Premo, Dean Barrette. SOME ASPECTS OF THE ECOLOGY OF THE NEWT, *NOTOPHTHALMUS VIRIDESCENS* RAFINESQUE IN NORTHERN MICHIGAN. *M.S. thesis, Mich. State Univ.* 82p. 1980. From Masters Abstr. 19(3):281. Sept. 1981. WR 183

81-009535 Pyburn, William F. and John D. Lynch. TWO LITTLE-KNOWN SPECIES OF *ELEUTHERODACTYLUS* (AMPHIBIA: LEPTODACTYLIDAE) FROM THE SIERRA DE LA MACARENA, COLOMBIA. *Proc. Biol. Soc. Wash.* 94(2):404-412. 20 July 1981. WR 183
[Dep. Biol., Univ. Tex., Arlington 76019] *Eleutherodactylus savagei* and *E. frater*.

81-009536 Pyburn, William F. A NEW POISON-DART FROG (ANURA: DENDROBATIDAE) FROM THE FOREST OF SOUTHEASTERN COLOMBIA. *Proc. Biol. Soc. Wash.* 94(1):67-75. 19 May 1981. WR 183
[Dep. Biol., Univ. Tex., Arlington 76019] *Dendrobates myersi*.

AMPHIBIANS (CONTINUED)

81-009537 Robbins, N. and P. C. Molenaar. INVESTIGATION OF POSSIBLE CHOLINERGIC MECHANISMS IN FERTILIZATION OF *XENOPUS* EGGS. *Proc. R. Soc. Lond. B Biol. Sci.* 213(1190):59-72. 17 Sept. 1981. WR 183
[Dep. Anat., Case Western Reserve Univ., School Med., Cleveland, OH 44106] *Xenopus laevis.*

81-009538 Roberts, Alan; J. A. Kahn; S. R. Soffe and J. D. W. Clarke. NEURAL CONTROL OF SWIMMING IN A VERTEBRATE. *Science* 213(4511):1032-1034. 28 Aug. 1981. WR 183
[Dep. Zool., Univ. Bristol, Bristol BS8 1UG, England] *Xenopus laevis.*

81-009539 Romspert, Alan P. and Lon L. McClanahan. OSMOREGULATION OF THE TERRESTRIAL SALAMANDER, *AMBYSTOMA TIGRINUM*, IN HYPERSALINE MEDIA. *Copeia* 1981(2):400-405. May 1981. WR 183
[Dep. Biol., Calif. State Univ., Fullerton 92634]

81-009540 Ryan, Michael J.; Merlin D. Tuttle and Lucinda K. Taft. THE COSTS AND BENEFITS OF FROG CHORUSING BEHAVIOR. *Behav. Ecol. Sociobiol.* 8(4):273-278. July 1981. WR 183
[Langmuir Lab., Cornell Univ., Ithaca, NY 14850] *Physalaemus pustulosus* in Panama.

81-009541 Sabath, Michael D.; Walter C. Boughton and Simon Easteal. EXPANSION OF THE RANGE OF THE INTRODUCED TOAD *BUFO MARINUS* IN AUSTRALIA FROM 1935 to 1974. *Copeia* 1981(3):676-680. 26 Aug. 1981. WR 183
[Boughton: School Australian Environ. Studies, Griffith Univ., Nathan, Brisbane 4111, Queensland, Australia]

81-009542 Samanen, David W. and Rudy A. Bernard. RESPONSE PROPERTIES OF THE GLOSSOPHARYNGEAL TASTE SYSTEM OF THE MUD PUPPY (*NECTURUS MACULOSUS*). I. GENERAL ORGANIZATION AND WHOLE NERVE RESPONSES. *J. Comp. Physiol. A Sens. Neural Behav. Physiol.* 143(1):143-150. June 1981. WR 183
[Worcester Foundation Exp. Biol., 222 Maple Ave., Shrewsbury, MA 01545]

81-009543 Samanen, David W. and Rudy A. Bernard. RESPONSE PROPERTIES OF THE GLOSSOPHARYNGEAL TASTE SYSTEM OF THE MUD PUPPY (*NECTURUS MACULOSUS*). II. RESPONSES OF INDIVIDIUAL FIRST-ORDER NEURONS. *J. Comp. Physiol. A Sens. Neural Behav. Physiol.* 143(1):151-158. June 1981. WR 183
[Worcester Foundation Exp. Biol., 222 Maple Ave., Shrewsbury, MA 01545]

81-009544 Savage, Jay M. THE SYSTEMATIC STATUS OF CENTRAL AMERICAN FROGS CONFUSED WITH *ELEUTHERODACTYLUS CRUENTUS*. *Proc. Biol. Soc. Wash.* 94(2):413-420. 20 July 1981. WR 183
[Dep. Biol. Sci., Univ. Southern Calif., Los Angeles 90007] *Eleutherodactylus cerasinus, E. cruentus,* and *E. ridens,* three superficially similar species from lower Central America, are re-diagnosed.--From abstr.

81-009545 Schneider, Hans and Josef Brzoska. DIE BEFREIUNGSRUF DER MITTELEUROPÄISCHEN WASSERFRÖSCHE. [THE RELEASE CALLS OF THE CENTRAL EUROPEAN WATER FROGS.] *Zool. Anz.* 206(3/4):189-202. 1981. In German with English summ. WR 183
[Zool. Inst., Poppesdorfer Schloß, D-5300 Bonn, West Germany] *Rana ridibunda, R. esculenta* and *R. lessonae.*

AMPHIBIANS (CONTINUED)

81-009546 Segura, Enrique T.; Adolfo Bronstein and Néstor A. Schmajuk. EFFECT OF BREATHING UPON BLOOD PRESSURE AND HEART RATE IN THE TOAD, *BUFO ARENARUM* HENSEL. *J. Comp. Physiol. B Biochem. Syst. Environ. Physiol.* 143(2):223-227. July 1981. WR 183
[Lab. Fisol. Comportamiento, Inst. Biol. & Med. Exp., Obligado 2490, 1428 Buenos Aires, Argentina]

81-009547 Semlitsch, Raymond D. EFFECTS OF IMPLANTED TANTALUM-182 WIRE TAGS ON THE MOLE SALAMANDER, *AMBYSTOMA TALPOIDEUM*. *Copeia* 1981(3):735-737. 26 Aug. 1981. WR 183
[Savannah River Ecol. Lab., P.O. Drawer E, Aiken, SC 29801]

81-009548 Sever, David M. CLOACAL ANATOMY OF MALE SALAMANDERS IN THE FAMILES AMBYSTOMATIDAE, SALAMANDRIDAE, AND PLETHODONTIDAE. *Herpetologica* 37(3):142-155. Sept. 1981. WR 183
[Dep. Biol., Saint Mary's Coll., Notre Dame, IN 46556]

81-009549 Shiokawa, Koichiro; Yoshio Misumi and Kiyotaka Yamana. MOBILIZATION OF NEWLY SYNTHESIZED RNAs INTO POLYSOMES IN *XENOPUS LAEVIS* EMBRYOS. *Wilhelm Roux's Arch. Dev. Biol.* 190(2):103-110. June 1981. WR 183
[Dep. Biol., Fac. Sci., Kyusho Univ. 33, Fukuoka 812, Japan]

81-009550 Skoblina, M. N.; Zh. G. Shmerling and O. T. Kondratieva. CHOLESTEROL-INDUCED *IN VITRO* MATURATION OF OOCYTES OF *ACIPENSER STELLATUS*, *XENOPUS LAEVIS*, AND *RANA TEMPORARIA*. *Gen. Comp. Endocrinol.* 44(4):470-475. Aug. 1981. WR 183
[Inst. Dev. Biol. & Inst. Molecular Genetics, USSR Acad. Sci., Moscow, USSR]

81-009551 Smith, M. H.; D. O. Straney and G. E. Drewry. BIOCHEMICAL SIMILARITIES AMONG PUERTO RICAN *ELEUTHERODACTYLUS*. *Copeia* 1981(2):463-466. May 1981. WR 183
[Savannah River Ecol. Lab., Drawer E, Aiken, SC 29801]

81-009552 Sokol, O. M. THE FILTER APPARATUS OF LARVAL *PELODYTES PUNCTATUS* (AMPHIBIA: ANURA). *J. Ala. Acad. Sci.* 52(3):97. July 1981. Abstract only. WR 183
[Dep. Anat., Coll. Med., Univ. South Ala., Mobile 36688]

81-009553 Sokol, Otto M. THE LARVAL CHONDROCRANIUM OF *PELODYTES PUNCTATUS*, WITH A REVIEW OF TADPOLE CHONDROCRANIA. *J. Morphol.* 169(2):161-183. Aug. 1981. WR 183
[Dep. Anat., Coll. Med., Univ. South Ala., Mobile 36688]

81-009554 Stephens, Robert Eric. A QUALITATIVE AND QUANTITATIVE ANALYSIS OF THE LATERAL LINE SYSTEM DURING THE SPONTANEOUS METAMORPHOSIS OF *RANA PIPIENS*. *Ph.D. dissertation, Univ. Kans.* 260p. 1980. From Diss. Abstr. Int. B Sci. Eng. 42(2):464. Aug. 1981. WR 183

81-009555 Stuart, Patrick Michael. IN VIVO TEMPERATURE EFFECTS OF POLYCLONAL EXPANSION OF *RANA CATESBEIANA* LYMPHOCYTES. *M.S. thesis, Calif. State Univ. (Long Beach)* 62p. 1980. From Masters Abstr. 19(2):175. June 1981. WR 183

AMPHIBIANS (CONTINUED)

81-009556 Suzuki, Shintaro and Mitsuo Suzuki. CHANGES IN THYROIDAL AND PLASMA IODINE COMPOUNDS DURING AND AFTER METAMORPHOSIS OF THE BULLFROG, *RANA CATESBEIANA*. *Gen. Comp. Endocrinol.* 45(1):74-81. Sept. 1981. WR 183
[Inst. Endocrinol., Gunma Univ., Maebashi, Japan]

81-009557 Tank, Patrick W. and Nigel Holder. PATTERN REGULATION IN THE REGENERATING LIMBS OF URODELE AMPHIBIANS. *Q. Rev. Biol.* 56(2):113-142. June 1981. WR 183
[Dep. Anat., Slot 510, Univ. Ark. Med. Sci., 4301 West Markham, Little Rock 72201] *Notophthalmus viridescens*, *Ambystoma mexicanum* and *A. maculatum*.

81-009558 Toft, Catherine A. FEEDING ECOLOGY OF PANAMANIAN LITTER ANURANS: PATTERNS IN DIET AND FORAGING MODE. *J. Herpetol.* 15(2):139-144. 30 Apr. 1981. WR 183
[Dep. Zool., Univ. Calif., Davis 95616]

81-009559 Tyler, Jack D. and Henry N. Buscher. NOTES ON A POPULATION OF LARVAL *AMBYSTOMA TIGRINUM* (AMBYSTOMATIDAE) FROM CIMARRON COUNTY, OKLAHOMA. *Southwest. Nat.* 25(3):391-395. 14 Nov. 1980. WR 183
[Dep. Biol., Cameron Univ., Lawton, OK 73505]

81-009560 Tyler, Michael J.; Margaret Davies and Angus A. Martin. AUSTRALIAN FROGS OF THE LEPTODACTYLID GENUS *UPEROLEIA* GRAY. *Aust. J. Zool. Suppl. Ser.* No. 79. p. 1-64. 27 May 1981. WR 183
[Dep. Zool., Univ. Adelaide, GPO Box 498, Adelaide, South Australia, 5001 Australia] Data for 13 spp.

81-009561 Uchiyama, Minoru and Peter K. T. Pang. ENDOCRINE INFLUENCE ON HYPERCALCEMIC REGULATION IN BULLFROG TADPOLES. *Gen. Comp. Endocrinol.* 44(4):428-435. Aug. 1981. WR 183
[Dep. Pharmacol. & Therapeutics School Med., Tex. Tech Univ., Health Sci. Cent., Lubbock 79430] *Rana catesbeiana*.

81-009562 Vawda, A.; F. J. Burger and A. L. Smit. GLUCOSE TOLERANCE IN THE TOAD *BUFO GUTTURALIS* (POWER). *S. Afr. J. Zool.* 16(3):156-162. 1981. In English with Afrikaans summ. WR 183
[Dep. Zool., Univ. Durban-Westville, Private Bag X54001, Durban 4000, South Africa]

81-009563 Vawda, A.; F. J. Burger and A. L. Smit. THE EFFECT OF DEHYDRATION ON BLOOD GLUCOSE LEVEL IN *BUFO GUTTURALIS* (POWER). *S. Afr. J. Zool.* 16(3):190-191. 1981. In English. WR 183
[Dep. Zool., Univ. Durban-Westville, Private Bag X54001, Durban 4000, South Africa]

81-009564 Vellano, C.; V. Mazzi and D. Colucci. DOES TRH STIMULATE HYPOPHYSEAL THYROTROPIC ACTIVITY IN THE NEWT? *Monit. Zool. Ital.* 15(2):133-138. 1981. In English with Italian summ. WR 183
[Inst. Anat. Comp., Univ. Torino, Via Giolitti 34, 10123 Torino, Italy] *Triturus cristatus carnifex*.

AMPHIBIANS (CONTINUED)

81-009565 Ward, David and Owen J. Sexton. ANTI-PREDATOR ROLE OF SALAMANDER EGG MEMBRANES. *Copeia* 1981(3):724-726. 26 Aug. 1981. WR 183
[Dep. Biol., Washington Univ., St. Louis, MO 63130] *Ambystoma maculatum.*

81-009566 Wassersug, Richard J.; Andrew M. Lum and Michael J. Potel. AN ANALYSIS OF SCHOOL STRUCTURE FOR TADPOLES (ANURA: AMPHIBIA). *Behav. Ecol. Sociobiol.* 9(1):15-22. Aug. 1981. WR 183
[Dep. Anat., Univ. Chicago, Chicago, IL 60637] *Bufo woodhousei* and *Xenopus laevis.*

81-009567 Wells, Kentwood D. TERRITORIAL BEHAVIOR OF THE FROG *ELEUTHERODACTYLUS URICHI* IN TRINIDAD. *Copeia* 1981(3):726-728. 26 Aug. 1981. WR 183
[Biol. Sci. Group, Univ. Conn., Storrs 06268]

81-009568 Wells, Kentwood D. and Beverly J. Greer. VOCAL RESPONSES TO CONSPECIFIC CALLS IN A NEOTROPICAL HYLID FROG, *HYLA EBRACCATA. Copeia* 1981(3):615-624. 26 Aug. 1981. WR 183
[Biol. Sci. Group, Univ. Conn., Storrs 06268]

81-009569 White, Bruce A. OCCURRENCE AND BINDING AFFINITY OF PROLACTIN RECEPTORS IN AMPHIBIAN TISSUES. *Gen. Comp. Endocrinol.* 45(2):153-161. Oct. 1981. WR 183
[Dep. Physiol., Univ. Calif., Berkeley 94720] *Siren lacertina, Cryptobranchus alleganiensis, Necturus maculosus* and *Xenopus laevis.*

81-009570 Williams, R. David; J. Edward Gates; Charles H. Hocutt and Gary J. Taylor. THE HELLBENDER: A NONGAME SPECIES IN NEED OF MANAGEMENT. *Wildl. Soc. Bull.* 9(2):94-100. 1981. WR 183
[Cent. Environ. & Estuarine Studies, Univ. Md., Frostburg 21532] *Cryptobranchus a. alleganiensis.*

81-009571 Wygoda, Mark L. EFFECTS OF TUBOCURARINE CHLORIDE ON RATES OF EVAPORATIVE WATER LOSS IN EASTERN SPADEFOOT TOADS, *SCAPHIOPUS HOLBROOKI. Comp. Biochem. Physiol. A Comp. Physiol.* 70(2):243-246. 1981. WR 183
[Dep. Zool., Univ. Fla., Gainesville 32611]

81-009572 Wylie, Stephen R. EFFECTS OF BASKING ON THE BIOLOGY OF THE CANYON TREEFROG, *HYLA ARENICOLOR* COPE. *Ph.D. dissertation, Ariz. State Univ.* 136p. 1981. From Diss. Abstr. Int. B Sci. Eng. 42(2):529. Aug. 1981. WR 183

81-009573 Young Chul Park and Doo Bong Ha. STUDIES ON THE CHANGE OF ISOZYME PATTERNS OF LACTATE AND MALATE DEHYDROGENASES DURING EMBRYONIC DEVELOPMENT OF SOME AMPHIBIANS. *Kor. J. Zool.* 23(4):263-272. 1980. From Kor. Sci. Abstr. 13(2):81/289. Apr. 1981. In English. WR 183
Rana nigromaculata, R. plancyi and *Hynobius leechi.*

81-009574 Zimmer, Jacquelynn Ann and James Norman Dent. HORMONAL REGULATION OF NUPTIAL PADS AND TAIL FINS IN THE FEMALE RED-SPOTTED NEWT. *Gen. Comp. Endocrinol.* 44(4):436-443. Aug. 1981. WR 183

AMPHIBIANS (CONTINUED)

81-009574 CONTINUED
[Dep. Biol., Univ. Va., Charlottesville 22901] *Notophthalmus v. viridescens.*

REPTILES

81-009575 Acharjyo, L. N. and Ch. G. Mishra. GROWTH RATE OF INDIAN PYTHON, *PYTHON MOLURUS MOLURUS* (SERPENTES: BOIDAE) IN CAPTIVITY WITH SPECIAL REFERENCE TO AGE AT FIRST EGG-LAYING. *J. Bombay Nat. Hist. Soc.* 77(2):344-350. Aug. 1980. WR 183
[Nandakanan Biol. Park, P.O. Barang, Dist. Cuttack, Orissa, India 754 005]

81-009576 Ackerman, Ralph A. OXYGEN CONSUMPTION BY SEA TURTLE (*CHELONIA, CARETTA*) EGGS DURING DEVELOPMENT. *Physiol. Zool.* 54(3):316-324. July 1981. WR 183
[A-004, Physiol. Res. Lab., Univ. Calif. San Diego, La Jolla 92093]

81-009577 Alarcón-Pardo, Humberto. PRIMER REGISTRO DE *TRETANORHINUS NIGROLUTEUS NIGROLUTEUS* COPE (REPTILIA: SERPENTES: COLUBRIDAE) PARA COLOMBIA. [FIRST RECORD OF *TRETANORHINUS NIGROLUTEUS NIGROLUTEUS* COPE (REPTILIA: SERPENTES: COLUMBRIDAE) FOR COLOMBIA.] *Lozania (Acta Zool. Colombiana)* No. 27. p. 1-4. 15 Sept. 1978. In Spanish. WR 183
[Inst. Cienc. Nat., Mus. Hist. Nat., Univ. Nacl. Colombia, Bogota, Colombia]

81-009578 Andrews, Robin M. and Owen J. Sexton. WATER RELATIONS OF THE EGGS OF *ANOLIS AURATUS* AND *ANOLIS LIMIFRONS*. *Ecology* 62(3):556-562. June 1981. WR 183
[Dep. Biol., Va. Polytech. Inst. & State Univ., Blacksburg 24061]

81-009579 Auffenberg, Walter. COMBAT BEHAVIOUR IN *VARANUS BENGALENSIS* (SAURIA: VARANIDAE). *J. Bombay Nat. Hist. Soc.* 78(1):54-72. Apr. 1981. WR 183
[Fla. State Mus., Gainesville 32611]

81-009580 Auffenberg, Walter. THE FOSSIL TURTLES OF OLDUVAI GORGE, TANZANIA, AFRICA. *Copeia* 1981(3):509-522. 26 Aug. 1981. WR 183
[Fla. State Mus., Gainesville 32611]

81-009581 Axtell, Ralph W. *HOLBROOKIA PROPINQUA*: TYPE SPECIMENS, COLLECTOR, HIS ROUTE, AND RESTRICTION OF LOCALITY, WITH COMMENTS ON BAIRD'S "REPTILES OF THE BOUNDARY" AS AN IMPORTANT TAXONOMIC REFERENCE. *J. Herpetol.* 15(2):211-217. 30 Apr. 1981. WR 183
[Dep. Biol. Sci., Southern Ill. Univ., Edwardsville 62026]

81-009582 Ballinger, Royce E.; Dale L. Droge and Steven M. Jones. REPROCUTION IN A NEBRASKA SANDHILLS POPULATION OF THE NORTHERN PRAIRIE LIZARD *SCELOPORUS UNDULATUS GARMANI*. *Am. Midl. Nat.* 106(1):157-164. July 1981. WR 183
[School Life Sci., Univ. Nebr., Lincoln 68588]

REPTILES (CONTINUED)

81-009583 Bartlett, R. D. NOTES ON THE CAPTIVE MAINTENANCE OF THE VARIOUS RACES OF *CORDYLUS WARRENI*, AN AFRICAN GIRDLE-TAILED LIZARD. *North. Ohio Assoc. Herpetol. Notes* 8(9):11-13. 4 July 1981. WR 183
[Reptilian Breeding & Res. Inst., Fort Myers, FL]

81-009584 Bartlett, R. D. NOTES ON THE GECKO *SPHAERODACTYLUS NIGROPUNCTATUS FLAVICAUDA* UNDER NATURAL AND CAPTIVE CONDITIONS. *North. Ohio Assoc. Herpetol. Notes* 8(10):7-8. 26 July 1981. WR 183
[Reptilian Breeding & Res. Inst., Fort Myers, FL]

81-009585 Bass, Andrew H. and R. Glenn Northcutt. PRIMARY RETINAL TARGETS IN THE ATLANTIC LOGGERHEAD SEA TURTLE, *CARETTA CARETTA*. *Cell Tissue Res.* 218(2):253-264. July 1981. WR 183
[Dep. Ecol. & Behav. Biol., Univ. Minn., 108 Zoology Bldg., 318 Church St., S.E., Minneapolis 55455]

81-009586 Bauwens, Dirk. SURVIVORSHIP DURING HIBERNATION IN THE EUROPEAN COMMON LIZARD, *LACERTA VIVIPARA*. *Copeia* 1981(3):741-744. 26 Aug. 1981. WR 183
[Veldbiol. Stn. Kalmthout, Univ. Insteling Antwerpen, Verbindingsweg, B-2180 Kalmthout, Belgium]

81-009587 Biseswar, R. THE JAW MUSCULATURE OF *DENDROASPIS ANGUSTICEPS* AND *DENDROASPIS POLYLEPIS POLYLEPIS* (OPHIDIA, PROTEROGLYPHA) WITH SOME REMARKS ON THE VENOM APPARATUS. *S. Afr. J. Zool.* 16(2):101-108. 1981. In English with Afrikaans summ. WR 183
[Dep. Zool., Univ. Durban-Westville, Private Bag X54001, Durban 4000, South Africa]

81-009588 Borcea, Margareta. *LACERTA AGILIS BOSNICA* SCHREIBER, EINE NEUE UNTERART DER FAUNA RUMÄNIENS. [*LACERTA AGILIS BOSNICA* SCHREIBER--A NEW SUBSPECIES FOR ROMANIA'S FAUNA.] *Zool. Anz.* 206(1/2):134-136. 1981. In German with English summ. WR 183
[Acad. Republ. Social România, Filiale Iaşi, Str. Universit§tii, R-660 Iaşi, Romania]

81-009589 Brillet, Charles. PARADES D'ALARME CHEZ DEUX LÉZARDS MALGACHES: *OPLURUS GRANDIDIERI* ET *OPLURUS CYCLURUS* (SAURIA-IGUANIDAE). [ALARM DISPLAY IN TWO MALAGASY LIZARDS *OPLURUS GRANDIDIERI* AND *OPLURUS CYCLURUS* (SAURIA-IGUANIDAE).] *C.R. Hebd. Séances Acad. Sci. Ser. III* 292(15):893-896. 27 Apr. 1981. In French with English summ. WR 183
[Inst. Neurophysiol. & Psychophysiol., Dep. Physiol. Comp., 31 Chemin Joseph-Aiguier, 13274 Marseilles Cedex 2, France]

81-009590 Brooks, Daniel R. RAW SIMILARITY MEASURES OF SHARED PARASITES: AN EMPIRICAL TOOL FOR DETERMINING HOST PHYLOGENETIC RELATIONSHIPS? *Syst. Zool.* 30(2):203-207. June 1981. WR 183
[Dep. Zool., Univ. British Columbia, 2075 Wesbrook Mall, Vancouver, British Columbia, V6T 2A9 Canada] *Pseudemys*, *Grapetmys* and *Chrysemys*.

81-009591 Browner, Robert H.; Michael C. Kennedy and Thomas Facelle. THE CYTOARCHITECTURE OF THE TORUS SEMICIRCULARIS IN THE RED-EARED TURTLE. *J. Morphol.* 169(2):207-223. Aug. 1981. WR 183

REPTILES (CONTINUED)

81-009591 CONTINUED
[Dep. Anat., N.Y. Med. Coll., Valhalla 10595] *Chrysemys scripta elegans.*

81-009592 Brushko, Z. K. AGE STRUCTURE OF THE POPULATION AND LENGTH OF LIFE OF THE BIG-EARED ROUNDHEAD LIZARD IN THE SANDY PLAINS OF THE CENTRAL COURSE OF THE ILI RIVER. *Sov. J. Ecol. (Engl. Transl. Ékologiya)* 10(1):84-86. Jan.-Feb. 1979. Translated from Ékologiya No. 1. p. 104-107. Jan.-Feb. 1979. WR 183
Phrynocephalus mystaceus in USSR.

81-009593 Bullock, Robert E. TREE CLIMBING BULLSNAKES. *Blue Jay* 39(3):139-140. Sept. 1981. WR 183
[Dep. Biol. Sci., Univ. Lethbridge, Lethbridge, Alberta T1K 3M4, Canada] *Pituophis melanoleucus sayi* in Canada.

81-009594 Burbidge, Andrew A. THE ECOLOGY OF THE WESTERN SWAMP TORTOISE *PSEUDEMYDURA UMBRINA* (TESTUDINES: CHELIDAE). *Aust. Wildl. Res.* 8(1):203-223. 1981. WR 183
[Western Australian Wildl. Res. Cent., Dep. Fisheries & Wildl., P.O. Box 51, Wanneroo, Western Australia, Australia 6065]

81-009595 Bustard, H. R and S. K. Kar. DEFENCE OF THE NEST AGAINST MAN BY THE SALTWATER CROCODILE (*CROCODYLUS POROSUS* SCHNEIDER). *J. Bombay Nat. Hist. Soc.* 77(3):514-515. Dec. 1980. WR 183
[Central Crocodile Breeding & Manage. Training Inst., 19-4-319, Lake Dale, Rajendranagar Rd., Hyderabad 500 264, India]

81-009596 Bustard, H. R. and S. Maharana. FATAL MALE-MALE CONFLICT IN THE GHARIAL, *GAVIALIS GANGETICUS* (GMELIN) (REPTILIA, CROCODILIA). *J. Bombay Nat. Hist. Soc.* 78(1):171-173. Apr. 1981. WR 183
[Crocodile Breeding & Manage. Training Inst., Rajendranagar Rd., Hyderabad-500 264, India]

81-009597 Bustard, H. R. and B. C. Choudhury. CONSERVATION FUTURE OF THE SALTWATER CROCODILE (*CROCODYLUS POROSUS* SCHNEIDER) IN INDIA. *J. Bombay Nat. Hist. Soc.* 77(2):201-214. Aug. 1980. WR 183
[Central Crocodile Breeding & Manage. Training Inst., Lake Dale, Hyderabad-500 264, India]

81-009598 Carothers, John H. DOMINANCE AND COMPETITION IN AN HERBIVOROUS LIZARD. *Behav. Ecol. Sociobiol.* 8(4):261-266. July 1981. WR 183
[Mus. Vertebr. Zool., Univ. Calif., Berkeley 94720] *Ctenosaura hemilopha* in Mexico.

81-009599 Carpenter, Kenneth. PRENEURAL IN THE EVOLUTION OF *TRIONYX*. *Copeia* 1981(2):456-457. May 1981. WR 183
[Geol. Sect., Univ. Colo. Mus., Boulder 80309]

81-009600 Cei, José M. and José A. Scolaro. A NEW NORTHERN SUBSPECIES OF *LIOLAEMUS KINGI* IN ARGENTINA. *J. Herpetol.* 15(2):207-210. 30 Apr. 1981. WR 183

REPTILES (CONTINUED)

81-009600 CONTINUED
[Rancho Somuncurá, Rua Fausto de Figueiredo, Birre, 2750 Cascais, Portugal] *Liolaemus kingi somuncurae.*

81-009601 Cei, J. M. *LIOLAEMUS PSEUDOANOMALUS*, A SUBSTITUTE NAME FOR *LIOLAEMUS MARMORATUS* (BURMEISTER 1861). *J. Herpetol.* 15(2):253-254. 30 Apr. 1981. WR 183
[Rancho Somuncurá, Rua Fasuto de Figueiredo, Birre, 2750 Cascais, Portugal]

81-009602 Chandra, Mahesh and Rathin Mukherjee. ON THE OCCURRENCE OF BIFURCATED TAILED IN AGAMA LIZARD FROM SIMLA HILLS, HIMACHAL PRADESH. *J. Bombay Nat. Hist. Soc.* 77(2):343. Aug. 1980. WR 183
[High Altitude Zool. Field Stn., Zool. Surv. India, Solan, (H.P.), India] *Agama tuberculata* in India.

81-009603 Cheylan, Marc; Jacques Bons and Hubert Saint Girons. EXISTENCE D'UN CYCLE SPERMATOGÉNÉTIQUE VERNAL ET PRÉNUPTIAL CHEZ UN SERPENT MÉDITERRANÉEN, LA COULEUVRE DE MONTPELLIER, *MALPOLON MONSPESSULANUS* (HERMANN) (REPTILIA, COLUBRIDAE). [EVIDENCE OF A VERNAL AND PRENUPTIAL SPERMATOGENETIC CYCLE IN MEDITERRANEAN SNAKE *MALPOLON MONSPESSULANUS* (HERMANN) (REPTILIA, COLUBRIDAE).] *C.R. Hebd. Séances Acad. Sci. Sér. III* 292(23):1207-1209. 29 June 1981. In French with English summ. WR 183
[Lab. Biogeogr. & Ecol. Vertébr. E.P.H.E., pl. Eugène-Bataillon, 34060 Montpellier, France]

81-009604 Cloudsley-Thompson, J. L. BIONOMICS OF THE RAINBOW LIZARD *AGAMA AGAMA* (L.) IN EASTERN NIGERIA DURING THE DRY SEASON. *J. Arid Environ.* 4(3):235-245. Sept. 1981. WR 183
[Dep. Zool., Birbeck Coll. Univ. London, Malet St., London WC1E 7HX, England]

81-009605 Courtrice, Gillian P. CHANGES IN SKIN PERFUSION IN RESPONSE TO LOCAL CHANGES IN pCO_2 IN A DIVING LIZARD, *PHYSIGNATHUS LESUEURII*. *Comp. Biochem. Physiol. A Comp. Physiol.* 69(4):805-807. 1981. WR 183
[School Physiol. & Pharmacol., Univ. New South Wales, P.O. Box 1, Kensington, New South Wales, 2033 Australia]

81-009606 Crispens, Charles G., Jr. and Ken R. Marion. GRANULOMAS IN REPTILES: A REPORT OF FOUR CASES. *J. Ala. Acad. Sci.* 52(2):48-52. Apr. 1981. WR 183
[Dep. Biol., Univ. Ala., University Station, Birmingham 35294] *Terrapene carolina major, Boa constrictor, Crotalus mitchelli* and *Sistrurus miliarius.*

81-009607 Cundall, David. CRANIAL OSTEOLOGY OF THE COLUBRID SNAKE GENUS *OPHEODRYS*. *Copeia* 1981(2):353-371. May 1981. WR 183
[Biol. Dep., #31, Lehigh Univ., Bethlehem, PA 18015]

81-009608 DeFina, Anthony Vincent. THE COCHLEAR NUCLEI OF COLUBRID AND BOID SNAKES. *Ph.D. dissertation, New York Univ.* 369p. 1981. From Diss. Abstr. Int. B Sci. Eng. 42(2):460. Aug. 1981. WR 183
Data for 17 spp.

REPTILES (CONTINUED)

81-009609 Diller, Lowell V. and Richard L. Wallace. ADDITIONAL DISTRIBUTION RECORDS AND ABUNDANCE OF THREE SPECIES OF SNAKES IN SOUTHWESTERN IDAHO. *Great Basin Nat.* 41(1):154-157. 31 Mar. 1981. WR 183
[Dep. Biol. Sci., Univ. Idaho, Moscow 83843] *Hypsiglena torquata, Rhinocheilus lecontei* and *Sonora semiannulata.*

81-009610 Dixon, James R. THE NEOTROPICAL COLUBRID SNAKE GENUS *LIOPHIS*: THE EASTERN CARIBBEAN COMPLEX. *Copeia* 1981(2):296-304. May 1981. WR 183
[Dep. Wildl. & Fisheries Sci., Tex. A&M Univ., College Station 77843]

81-009611 Dunson, William A. BEHAVIORAL OSMOREGULATION IN THE KEY MUD TURTLE, *KINOSTERNON B. BAURII. J. Herpetol.* 15(2):163-173. 30 Apr. 1981. WR 183
[Dep. Biol., 208 Mueller Lab., Pa. State Univ., University Park 16802]

81-009612 Dupé-Godet, Mireille and Yvette Adjovi. SEASONAL VARIATIONS OF IMMUNOREACTIVE INSULIN CONTENTS IN PANCREATIC EXTRACTS OF A SAHELIAN LIZARD *(VARANUS EXANTHEMATICUS). Comp. Biochem. Physiol. A Comp. Physiol.* 69(4):717-729. 1981. WR 183
[Lab. Neurophysiol., Fac. Sci. & Tech., Univ. Nice, 06100 Nice, France]

81-009613 Ellis, Tamir M. TOLERANCE OF SEA WATER BY THE AMERICAN CROCODILE, *CROCODYLUS ACUTUS. J. Herpetol.* 15(2):187-192. 30 Apr. 1981. WR 183
[Dep. Biol., Univ. Miami, Coral Gables, FL 33124]

81-009614 Fisher, Daniel C. CROCODILIAN SCATOLOGY, MICROVERTEBRATE CONCENTRATIONS, AND ENAMEL-LESS TEETH. *Paleobiology* 7(2):262-275. 1981. WR 183
[Mus. Paleontol., Univ. Mich., Ann Arbor 48109] *Alligator mississippiensis* and *Caiman crocodylus.*

81-009615 Fox, Stanley F.; Elizabeth Rose and Ronald Myers. DOMINANCE AND THE ACQUISTION OF SUPERIOR HOME RANGES IN THE LIZARD *UTA STANSBURIANA. Ecology* 62(4):888-893. Aug. 1981. WR 183
[Dep. Zool., Okla. State Univ., Stillwater 74074]

81-009616 Garstka, William R. and David Crews. FEMALE SEX PHEROMONE IN THE SKIN AND CIRCULATION OF A GARTER SNAKE. *Science* 214(4521):681-683. 6 Nov. 1981. WR 183
[Dep. Biol., Harvard Univ., Cambridge, MA 02138] *Thamnophis sirtalis parietalis.*

81-009617 Gatten, Robert E., Jr. and Ronald M. McClung. THERMAL SELECTION BY AN AMPHISBAENIAN, *TROGONOPHIS WIEGMANNI. J. Thermal Biol.* 6(1):49-51. Jan. 1981. WR 183
[Dep. Biol., Univ. N.C., Greensboro 27412]

81-009618 Geddes, Timothy H. AN ANNOTATED CHECKLIST TO THE SNAKES OF THE MOYAONE RESERVE, PRINCE GEORGE'S COUNTY, AND CHARLES COUNTY, MARYLAND. *Bull. Md. Herpetol. Soc.* 17(3):93-101. Sept. 1981. WR 183
[765 East Scenic Dr., Pass Christian, MS 39571] Annotated list.

REPTILES (CONTINUED)

81-009619 Germano, David J. and C. Roger Hungerford. REPTILE POPULATION CHANGES WITH MANIPULATION OF SONORAN DESERT SHRUB. *Great Basin Nat.* 41(1):129-138. 31 Mar. 1981. WR 183
[HDR Sci., 804 Anacopa St., Santa Barbara, CA 93101]

81-009620 Gillingham, James C. and David L. Clark. AN ANALYSIS OF PREY-SEARCHING BEHAVIOR IN THE WESTERN DIAMONDBACK RATTLESNAKE, *CROTALUS ATROX*. *Behav. Neural Biol.* 32(2):235-240. June 1981. WR 183
[Dep. Biol., Central Mich. Univ., Mount Pleasant 48859]

81-009621 Ginsberg, Joshua. THE STATUS OF SEA TURTLES IN TARUTAO NATIONAL PARK SATUN, THAILAND. *Tigerpaper* 8(2):27-29. Apr. 1981. WR 183
Chelonia mydas, Lepidochelys olivacea and *Eretmochelys imbricata squamata.*

81-009622 Glazebrook, J. S.; R. S. F. Campbell and D. Blair. PATHOLOGICAL CHANGES ASSOCIATED WITH CARDIOVASCULAR TREMATODES (DIGENEA: SPIRORCHIDAE) IN A GREEN SEA TURTLE *CHELONIA MYDAS* (L). *J. Comp. Pathol.* 91(3):361-368. July 1981. WR 183
[Dep. Trop. Vet. Sci., James Cook Univ. North Queensland, Townsville, Queensland 4811, Australia]

81-009623 Glidewell, J. R.; T. L. Beitinger and L. C. Fitzpatrick. HEAT EXCHANGE IN SUBMERGED RED-EARED TURTLE, *CHRYSEMYS SCRIPTA*. *Comp. Biochem. Physiol. A Comp. Physiol.* 70(1):141-143. 1981. WR 183
[Dep. Biol. Sci., North Tex. State Univ., Denton 76203]

81-009624 Gorman, George C. THE CHROMOSOMES OF *LATICAUDA* AND A REVIEW OF KARYOTYPIC EVOLUTION IN THE ELAPIDAE. *J. Herpetol.* 15(2):225-233. 30 Apr. 1981. WR 183
[Dep. Biol., Univ. Calif., Los Angeles 90024]

81-009625 Graham, Terry E. and Jean M. Dadah-Tosti. TEMPERATURE EFFECTS ON LOCOMOTOR PATTERNS IN THE WOOD TURTLE, *CLEMMYS INSCULPTA*. *Bull. Md. Herpetol. Soc.* 17(2):74-77. June 1981. WR 183
[Dep. Biol., Worcester State Coll., Worcester, MA 01601]

81-009626 Graham, Terry E. TROUBLED TURTLES. *Mass. Wildl.* 32(3):18-19. July-Aug. 1981. WR 183
[Worcester State Coll., Worcester, MA] *Chrysemys rubriventris* in Massachusetts.

81-009627 Graham, Terry E. NEW APPROACHES TO ENDANGERED TURTLE RESEARCH. *Bios* 52(3):121-126. Sept. 1981. WR 183
[Dep. Biol., Worcester State Coll., Worcester, MA 01602]

81-009628 Green, Derek. THE GREEN SEA TURTLE PROJECT IN GALAPAGOS: PAST, PRESENT AND FUTURE. *Not. Galapagos* No. 33. p. 17-20. 1981. WR 183
[Tex. Memorial Mus., Univ. Tex., 2400 Trinity, Austin 78705] *Chelonia mydas agassizi.*

81-009629 Greene, Harry W. and Roy W. McDiarmid. CORAL SNAKE MIMICRY: DOES IT OCCUR? *Science* 213(4513):1207-1212. 11 Sept. 1981. WR 183
[Mus. Vertebr. Zool., Univ. Calif., Berkeley 94720] *Pliocercus* spp. and *Micrurus* spp.

REPTILES (CONTINUED)

81-009630 Grenot, Claude. ÉQUILIBRES PONDÉRAL ET HYDRIQUE DU LÉZARD SAHARIEN *UROMASTIX ACANTHINURUS*. [PONDERAL AND HYDRIC EQUILIBRIA IN THE SAHARAN LIZARD *UROMASTIX ACANTHINURUS*.] *Bull. Soc. Zool. Fr.* 106(1):49-55. 1981. In French. WR 183
[Lab. Zool., 46 rue d'Ulm, 75230 Paris Cedex 05, France]

81-009631 Grogan, William L., Jr. TWO NEW REPTILE COUNTY RECORDS FOR MARYLAND. *Bull. Md. Herpetol. Soc.* 17(3):110. Sept. 1981. WR 183
[Dep. Biol. Sci., Salisbury State Coll., Salisbury, MD 21801] *Thamnophis s. sirtalis* and *Sceloporus undulatus hyacinthinus*.

81-009632 Gupta, N. K. and C. L. Duggal. ON THE REDESCRIPTION OF *TANQUA ANOMALA* (V. LINSTOW, 1904) BAYLIS, 1916 (NEMATODA: GNATHOSTOMATIDAE) AND DISCUSSION ON THE SYNONYMY OF *T. OPHIDIA* JOHNSTON AND MAWSON, 1948. *Res. Bull. Panjab Univ.* 30(1-4):61-64. June-Dec. 1979. WR 183
[Dep. Zool., Panjab Univ., Chandigarh, India] *Natrix* spp.

81-009633 Gupta, N. K. and Veena Mehrotra. A DETAILED ACCOUNT OF *NEOADENOGASTER GLANDULARIS* MEHROTRA, 1973 (TREMATODA: PRONOCEPHALIDAE) FROM THE INTESTINE OF *CHELONE MYDAS* (LINN.) IN INDIA. *Res. Bull. Panjab Univ.* 30(1-4):87-91. June-Dec. 1979. WR 183
[Dep. Zool., Panjab Univ., Chandigarh, India]

81-009634 Gustafson, Jill Elizabeth and David Crews. EFFECT OF GROUP SIZE AND PHYSIOLOGICAL STATE OF A CAGEMATE ON REPRODUCTION IN THE PARTHENOGENETIC LIZARD, *CNENIDOPHOROUS UNIPARENS* (TEIIDAE). *Behav. Ecol. Sociobiol.* 8(4):267-272. July 1981. WR 183
[Crews: Mus. Comp. Zool., Harvard Univ., Cambridge, MA 02138]

81-009635 Gutiérrez, José María; Fernando Chaves and Róger Bolaños. ESTUDIO COMPARATIVO DE VENENOS DE EJEMPLARES RECIEN NACIDOS Y ADULTOS DE *BOTHROPS ASPER*. [COMPARATIVE STUDY OF THE VENOMS OF NEWBORN AND ADULT SPECIMENS OF *BOTHROPS ASPER*.] *Rev. Biol. Trop.* 28(2):341-351. Dec. 1980. In Spanish with English summ. WR 183
[Inst. Clodomiro Picado, Fac. Microbiol., Univ. Costa Rica, Ciudad Universitaria, Costa Rica]

81-009636 Håkansson, N. Thomas. AN ANNOTATED CHECKLIST OF REPTILES KNOWN TO OCCUR IN THE GAMBIA. *J. Herpetol.* 15(2):155-161. 30 Apr. 1981. WR 183
[Dep. Anthropol., Univ. Calif., Santa Barbara 93106] Annotated list of 42 spp.

81-009637 Hall, Philip M. A NEW TURTLE FOR NEPAL. *J. Bombay Nat. Hist. Soc.* 77(3):521-522. Dec. 1980. WR 183
[Baboa Crocodile Stn., Lake Murrey, Western Province, Papua New Guinea] *Kachuga tecta*.

81-009638 Hardy, Graham S. and Anthony H. Whitaker. THE STATUS OF NEW ZEALAND'S ENDEMIC REPTILES AND THEIR CONSERVATION. *Forest Bird* p. 34-39. Nov. 1979. From Ecol. Abstr. 1981/2:81L/2282. 1981. WR 183
Data for 34 spp.

REPTILES (CONTINUED)

81-009639 Heatwole, Harold. TEMPERATURE RELATIONS OF SOME SEA SNAKES. *Snake* 13(1):53-57. June 1981. In English with Japanese summ. WR 183
[Dep. Zool., Univ. New England, Armidale, New South Wales 2351, Australia] Data for 10 spp.

81-009640 Hertz, Paul E. and Raymond B. Huey. COMPENSATION FOR ALTITUDINAL CHANGES IN THE THERMAL ENVIRONMENT BY SOME *ANOLIS* LIZARDS ON HISPANIOLA. *Ecology* 62(3):515-521. June 1981. WR 183
[Mus. Comp. Zool., Harvard Univ., Cambridge, MA 02138]

81-009641 Hokama, Zenji; Takao Kamura and Masatoshi Nozaki. STUDY ON EXPERIMENTAL ENVENOMATION BY SAKISHIMA-HABU (*TRIMERESURUS ELEGANS*). *Snake* 13(1):27-31. June 1981. In English with Japanese summ. WR 183
[Div. Habu Venom, Okinawa Prefectural Inst. Public Health, Urazoe City, Okinawa 901-21, Japan]

81-009642 Hosier, Paul E.; Medha Kochhar and Victoria Thayer. OFF-ROAD VEHICLE AND PEDESTRIAN TRACK EFFECTS ON THE SEA-APPROACH OF HATCHLING LOGGERHEAD TURTLES. *Environ. Conserv.* 8(2):158-161. 1981. WR 183
[Dep. Biol., Univ. N.C., Wilmington 28403] *Caretta c. caretta* in North Carolina.

81-009643 Huey, Raymond B. and Eric R. Pianka. ECOLOGICAL CONSEQUENCES OF FORAGING MODE. *Ecology* 62(4):991-999. Aug. 1981. WR 183
[Dep. Zool., NJ-15, Univ. Wash., Seattle 98195]

81-009644 Hulse, Arthur C. ECOLOGY AND REPRODUCTION OF THE PARTHENOGENETIC LIZARD *CNEMIDOPHORUS UNIPARENS* (TEIIDAE). *Ann. Carnegie Mus.* 50(14):353-369. 18 Sept. 1981. WR 183
[Biol. Dep., Indiana Univ. Pennsylvania, Indiana, PA 15705]

81-009645 Hyakutake, Saburô; Persio De Biasi; Helio Emerson Belluomini and Carlos A. Santa Rosa. LEPTOSPIROSES IN BRAZILIAN SNAKES. *Int. J. Zoonoses* 7(2):73-77. Dec. 1980. WR 183
[Dep. Med. Vet., Fac. Med. Vet. & Zootec., Univ. São Paulo, São Paulo, Brazil]

81-009646 Ishii, Akira; Makoto Owhashi; Etsuko Kawaguchi; Hiroshi Hayashi and Kiromi Nakai. [EXPERIMENTAL TRANSMISSION OF *ENTAMOEBA INVADENS* FROM TORTOISE TO THE VENOMOUS SNAKE HABU, *TRIMERESURUS FLAVOVIRIDIS*.] *Snake* 13(1):1-5. June 1981. In Japanese with English summ. WR 183
[Dep. Parasitol., Miyazaki Med. Coll., Kiyotake, Miyazaki 889-16, Japan] *Geoclemys reevesii*.

81-009647 Jackson, Crawford G., Jr. and M. Wilkinson Trotter. A GIGANTIC SPECIMENT OF *GOPHERUS AGASSIZII* (TESTUDINIDAE). *Southwest. Nat.* 25(3):430-432. 14 Nov. 1980. WR 183
[Dep. Herpetol., San Diego Nat. Hist. Mus., San Diego, CA 92112]

81-009648 Jacobsen, N. H. G. RARE AND UNUSUAL REPTILES OF THE TRANSVAAL. *Fauna Flora* 38:8-9. Oct.-Dec. 1980. WR 183

REPTILES (CONTINUED)

81-009649 Jensen, Gunnar Søgård. A COMPARISON OF SOME PROPERTIES OF MYOCARDIAL PHOSPHOFRUCTOKINASE FROM THE RAINBOW TROUT (*SALMO GAIRDNERI*) AND THE DIVING TURTLE (*PSEUDEMYS SCRIPTA*). *Comp. Biochem. Physiol. B Comp. Biochem.* 70(1):161-164. 1981. WR 183
[Natl. Inst. Anim. Sci., Rolighedsvej 25, DK-1958 Copenhagen V, Denmark]

81-009650 Jenssen, Thomas A. UNUSUAL DISPLAY BEHAVIOR BY *ANOLIS GRAHAMI* FROM WESTERN JAMAICA. *Copeia* 1981(3):728-733. 26 Aug. 1981. WR 183
[Biol. Dep., Va. Polytech. Inst. & State Univ., Blacksburg 24061]

81-009651 Jiang Yaoming; Huang Qingyun and Zhao Ermi. [A NEW SUBSPECIES OF *PHRYNOCEPHALUS VLANGALII* (STRAUCH) AND PRELIMINARY OBSERVATIONS ON ITS ECOLOGY.] *Acta Zool. Sin.* 26(2):178-183. 1980. From Ecol. Abstr. 1981/2:81L/2302. 1981. In Chinese with English summ. WR 183

81-009652 Kennedy, Michael C. and Robert H. Browner. THE TORUS SEMICIRCULARIS IN A GEKKONID LIZARD. *J. Morphol.* 169(3):259-274. Sept. 1981. WR 183
[Dep. Biol., New York Univ., New York, NY 10003] *Gekko gecko.*

81-009653 Kikuchi, S.; Y. Sawai; S. Toshioka; T. Matsui an Y. Okuyama. [ELECTRONMICROSCOPY OF THE SCALE OF TWO JAPANESE SNAKES. 1. *TRIMERESURUS FLAVOVIRIDIS FLAVOVIRIDIS* AND *T. OKINAVENSIS.*] *Snake* 13(1):6-15. June 1981. In Japanese with English summ. WR 183
[Kikuchi Biol. Inst., Japan]

81-009654 Kirshnamurthi, V. S. and R. Bhaskaran. SOME OBSERVATIONS ON THE GROWTH OF CAPTIVE CROCODILES. *J. Bombay Nat. Hist. Soc.* 77(3):516-521. Dec. 1980. WR 183
[Dep. Bacteriol., Central Leather Res. Inst., Madras-600 020, India] *Crocodylus palustris* and *C. porosus.*

81-009655 Kline, Loren W. A HYPOCALCEMIC RESPONSE TO SYNTHETIC SALMON CALCITONIN IN THE GREEN IGUANA, *IGUANA IGUANA*. *Gen. Comp. Endocrinol.* 44(4):476-479. Aug. 1981. WR 183
[Dep. Oral Biol, Univ. Alberta, Edmonton, Alberta T6G 2N8, Canada]

81-009656 Korf, H.-W. and U. Wagner. NERVOUS CONNECTIONS OF THE PARIETAL EYE IN ADULT *LACERTA S. SICULA* RAFINESQUE AS DEMONSTRATED BY ANTEROGRADE AND RETROGRADE TRANSPORT OF HORSERADISH PEROXIDASE. *Cell Tissue Res.* 219(3):567-583. Sept. 1981. WR 183
[Dep. Anat. & Cytobiol., Anat. I, Aulweg 123, D-6300 Giessen, West Germany]

81-009657 Kourany, Miguel and Sam R. Telford. LIZARDS IN THE ECOLOGY OF SALMONELLOSIS IN PANAMA. *Appl. Environ. Microbiol.* 41(5):1248-1253. May 1981. WR 183
[Gorgas Mem. Lab., Apartado 6991, Panama 5, Panama]

81-009658 Kraemer, Jed E. and Stephen H. Bennett. UTILIZATION OF POSTHATCHING YOLK IN LOGGERHEAD SEA TURTLES, *CARETTA CARETTA*. *Copeia* 1981(2):406-411. May 1981. WR 183
[Dep. Zool., Ariz. State Univ., Tempe 85281]

REPTILES (CONTINUED)

81-009659 Kreulen, Dirk A. FACTORS AFFECTING REPTILE BIOMASS IN AFRICAN GRASSLANDS. *Am. Nat.* 114(1):157-165. July 1979. WR 183
[P.O. Box 128, 9750 AC Haren, Netherlands]

81-009660 Lambert, M. R. K. TEMPERATURE, ACTIVITY AND FIELD SIGHTING IN THE MEDITERRANEAN SPUR-THIGHED OR COMMON GARDEN TORTOISE *TESTUDO GRAECA* L. *Biol. Conserv.* 21(1):39-54. Sept. 1981. WR 183
[Cent. Overseas Pest Res., College House, Wrights Lane, London W8 5SJ, England]

81-009661 Lang, Jeffrey W. THERMAL PREFERENCES OF HATCHLING NEW GUINEA CROCODILES: EFFECTS OF FEEDING AND ONTOGENY. *J. Thermal Biol.* 6(2):73-78. Apr. 1981. WR 183
[Biol. Dep., Univ. N. Dak., Grand Forks 58202] *Crocodylus novaeguineae* and *C. porosus*.

81-009662 Lazell, James D., Jr. and Peter J. Auger. PREDATION ON DIAMONDBACK TERRAPIN (*MALACLEMYS TERRAPIN*) EGGS BY DUNEGRASS (*AMMOPHILA BREVILIGULATA*). *Copeia* 1981(3):723-724. 26 Aug. 1981. WR 183

81-009663 Lemire, M. and R. Vernet. LA GLANDE NASALE: ORGANE D'ELIMINATION IONIQUE EXTRARÉNALE DES LÉZARDS DÉSERTICOLES. STRUCTURE ET FONCTION. [THE NASAL GLAND: IONIC EXTRARENAL ORGAN OF ELIMINATION OF DESERT LIZARDS. STRUCTURE AND FUNCTION.] *Bull. Soc. Zool. Fr.* 106(1):43-48. 1981. In French. WR 183
[Lab. Anat. Comp., Mus. Natl. Hist. Nat., Paris, France] Agamidae, Varanidae, Iguanidae, Scincidae and Teiidae.

81-009664 Lemus, D.; J. Illanes; M. Fuenzalida; Y. Paz de la Vega and M. Garcia. COMPARATIVE ANALYSIS OF THE DEVELOPMENT OF THE LIZARD, *LIOLAEMUS TENUIS TENUIS*. II. A SERIES OF NORMAL POSTLAYING STAGES IN EMBRYONIC DEVELOPMENT. *J. Morphol.* 169(3):337-349. Sept. 1981. WR 183
[Lab. Exp. Embryol., Dep. Exp. Morphol., Med. School, Univ. Chile, Santiago Norte, Chile]

81-009665 Lichtenfels, J. R. and T. B. Stewart. THREE NEW SPECIES OF *CHAPINIELLA* YAMAGUTI, 1961 (NEMATODA: STRONGYLOIDEA) FROM TORTOISES. *Proc. Helminthol. Soc. Wash.* 48(2):137-147. July 1981. WR 183
[U.S.D.A., Agric. Res. Serv., Beltsville, MD 20705] *Testudo denticulata* and *Gopherus polyphemus*.

81-009666 Lieb, Carl Sears. BIOCHEMICAL AND KARYOLOGICAL SYSTEMATICS OF THE MEXICAN LIZARDS OF THE *ANOLIS GADOVI* AND *A. NEBULOSUS* SPECIES GROUPS (REPTILIA: IGUANIDAE). *Ph.D. dissertation, Univ. Calif. (Los Angeles)* 328p. 1981. From Diss. Abstr. Int. B Sci. Eng. 42(1):100. July 1981. WR 183

81-009667 Lohoefener, Ren and Lynne Lohmeier. COMPARISON OF GOPHER TORTOISE (*GOPHERUS POLYPHEMUS*) HABITATS IN YOUNG SLASH PINE AND OLD LONGLEAF PINE AREAS OF SOUTHERN MISSISSIPPI. *J. Herpetol.* 15(2):239-242. 30 Apr. 1981. WR 183
[Terrestrial Ecol. Div., Miss. State Univ. Res. Cent., NSTL Stn. 39529]

REPTILES (CONTINUED)

81-009668 Luchtel, Daniel L. and Kenneth V. Kardong. ULTRASTRUCTURE OF THE LUNG OF THE RATTLESNAKE, *CROTALUS VIRIDIS OREGANUS*. *J. Morphol.* 169(1):29-47. July 1981. WR 183
[Dep. Environ. Health, SC-34, Univ. Wash., Seattle 98195]

81-009669 MacCulloch, Ross D. VARIATION IN THE SHELL OF *CHRYSEMYS PICTA BELLI* FROM SOUTHERN SASKATCHEWAN. *J. Herpetol.* 15(2):181-185. 30 Apr. 1981. WR 183
[Saskatchewan Mus. Nat. Hist., Wascana Park, Regina, Saskatchewan S4P 3V7, Canada]

81-009670 MacKenzie, Duncan S.; Paul Licht and Harold Papkoff. PURIFICATION OF THYROTROPIN FROM THE PITUITARIES OF TWO TURTLES: THE GREEN SEA TURTLE AND THE SNAPPING TURTLE. *Gen. Comp. Endocrinol.* 45(1):39-48. Sept. 1981. WR 183
[Dep. Zool., Univ. Alberta, Edmonton, Alberta T6G 2E9, Canada] *Chelonia mydas* and *Chelydra serpentina*.

81-009671 Magnusson, William E. and Janet A. Taylor. GROWTH OF JUVENILE *CROCODYLUS POROSUS* AS EFFECTED BY SEASON OF HATCHING. *J. Herpetol.* 15(2):242-245. 30 Apr. 1981. WR 183
[Dep. Biol., Mamiferos Aquaticos, Projeto Peixe-boi, INPA, CP478 Manaus, Amazonas, Brazil]

81-009672 Magnusson, William E. SUITABILITY OF TWO HABITATS IN NORTHERN AUSTRALIA FOR THE RELEASE OF HATCHLING *CROCODYLUS POROSUS* FROM ARTIFICIAL NESTS. *Aust. Wildl. Res.* 8(1):199-202. 1981. WR 183
[Dep. Aquatic Mammal Biol., Inst. Nacl. Pesquisas Amazônia, CP 478, 69000 Manaus, Brazil]

81-009673 Marmo, Francesco; Enrico Franco and Giuseppe Balsamo. SCANNING ELECTRON MICROSCOPIC AND X-RAY DIFFRACTION STUDIES OF OTOCONIA IN THE LIZARD *PODARCIS S. SICULA*. *Cell Tissue Res.* 218(2):265-270. July 1981. WR 183
[Ist. Biol. General & Genetica, Via Mezzocannone 8, 80134 Naples, Italy]

81-009674 McCoid, Michael J.; Jack W. Sites, Jr. and James R. Dixon. AN ADDITIONAL SPECIMEN OF *CHERSODROMUS RUBRIVENTRIS* (COLUBRIDAE). *Southwest. Nat.* 25(3):429. 14 Nov. 1980. WR 183
[Dep. Wildl. & Fisheries Sci., Tex. A&M Univ., College Station 77843]

81-009675 McRae, W. Alan; J. Larry Landers and James A. Garner. MOVEMENT PATTERNS AND HOME RANGE OF THE GOPHER TORTOISE. *Am. Midl. Nat.* 106(1):165-179. July 1981. WR 183
[Int. Paper Co., Southlands Exp. Forest, Bainbridge, GA 31717] *Gopherus polyphemus* in Georgia.

81-009676 Mehrotra, Venna and N. K. Gupta. ON A REPTILIAN AMPHISTOME, *STUNKARDIA DILYMPHOSA* BHALERAO, 1931, WITH A DISCUSSION ON THE SYNONYMY OF AN ALLIED GENUS AND SOME SPECIES. *Res. Bull. Panjab Univ.* 30(1-4):13-20. June-Dec. 1979. WR 183
[Dep. Zool., N.E. Hill Univ., Shillong, (Meghalaya) India] Parasites of turtles.

REPTILES (CONTINUED)

81-009677 Miller, Malcolm R. SCANNING ELECTRON MICROSCOPE STUDIES OF THE AUDITORY PAPILLAE OF SOME IGUANID LIZARDS. *Am. J. Anat.* 162(1):55-72. Sept. 1981. WR 183
[Dep. Anat., Univ. Calif., San Francisco 94143] Data for 16 spp.

81-009678 Moermond, Timothy C. PREY-ATTACK BEHAVIOR OF *ANOLIS* LIZARDS. *Z. Tierpsychol.* 56(2):128-136. 1981. In English with German summ. WR 183
[Dep. Zool., Univ. Wis., Madison 53706]

81-009679 Moriguchi, Hajime. [TWO EXAMPLES OF UNUSUAL FEEDING OF *RHABDOPHIS T. TIGRINUS* (BOIE) IN CAPTIVITY.] *Snake* 13(1):25-26. June 1981. In Japanese with English summ. WR 183
[Japan Snake Inst., Yabuzuka-honmachi, Nittagun, Gunma Prefecture 379-23, Japan]

81-009680 Mount, Robert H.; Stanley E. Trauth and William H. Mason. PREDATION BY THE RED IMPORTED FIRE ANT, *SOLENOPSIS INVICTA* (HYMENOPTERA: FORMICIDAE), ON EGGS OF THE LIZARD *CNEMIDOPHORUS SEXLINEATUS* (SQUAMATA: TEIIDAE). *J. Ala. Acad. Sci.* 52(2):66-70. Apr. 1981. WR 183
[Dep. Zool.-Entomol., School Agric., Auburn Univ., Auburn, AL 36849]

81-009681 Murphy, Patricia A. CELESTIAL COMPASS ORIENTATION IN JUVENILE AMERICAN ALLIGATORS (*ALLIGATOR MISSISSIPPIENSIS*). *Copeia* 1981(3):638-645. 26 Aug. 1981. WR 183
[Dep. Zool., Univ. Fla., Gainesville 32608]

81-009682 Murthy, T. S. N. RECENT RE-DISCOVERY OF THE RARE AGAMID LIZARD *OTOCRYPTIS BEDDOMII*. *J. Bombay Nat. Hist. Soc.* 77(2):343-344. Aug. 1980. WR 183
[Zool. Surv. India, Madras-600 028, India]

81-009683 Murthy, T. S. N. REPTILES OF THE SILENT VALLEY AND NEW AMARAMBALAM AREA, KERALA. *Snake* 13(1):42-52. June 1981. In English. WR 183
[Zool.-Suru, India, Madras 600 028, India]

81-009684 Nahas, Linda; Aura S. Kamiguti; Ferrucio Betti; Ida S. Sano Martins and Maria I. Rodrigues. BLOOD COAGULATION MECHANISM IN THE SNAKES *WAGLEROPHIS MERRENII* AND *BOTHROPS JARARACA*. *Comp. Biochem. Physiol. A Comp. Physiol.* 69(4):739-743. 1981. WR 183
[Dep. Physiopathol., Inst. Butantan, CP. 65, 05504 São Paulo, Brazil]

81-009685 Nakamoto, Eiichi; Hideo Fukushima and Yoshio Sawai. LONGEVITY OF HABU (*TRIMERESURUS FLAVOVIRIDIS*) BREEDED IN A HUNGRY CONDITION. *Snake* 13(1):61-62. June 1981. In English and Japanese. WR 183
[Amani Habu Cent., Nagahamacho, Naze-shi, Kagoshima 894, Japan]

81-009686 Naulleau, Guy and Claude Bidaud. INTERVALLE ENTRE L'ACCOUPLEMENT, L'OVULATION ET LA PARTURITION CHEZ *VIPERA ASPIS* L. (REPTILES, OPHIDIENS, VIPÉRIDÉS), DANS DIFFÉRENTES CONDITIONS EXPÉRIMENTALES, ÉTUDIÉ PAR RADIOGRAPHIE. [INTERVALS BETWEEN MATING, OVULATION AND PARTURITION AMONG *VIPERA ASPIS* L. (REPTILIA, SERPENTES, VIPERIDAE) IN VARIOUS EXPERIMENTAL CONDITIONS, STUDIED

REPTILES (CONTINUED)

81-009686 CONTINUED BY X-RAYS.] *Bull. Soc. Zool. Fr.* 106(2):137-143. 1981. In French with English summ. WR 183
[Cent. Etudes Biol. Anim. Sauvages, Villiers-en-Bois 79360, France]

81-009687 Newman, Eric A. and Peter H. Hartline. INTEGRATION OF VISUAL AND INFRARED INFORMATION IN BIMODAL NEURONS OF THE RATTLESNAKE OPTIC TECTUM. *Science* 213(4509)789-791. 14 Aug. 1981. WR 183
[Eye Res. Inst. Retina Foundation, 20 Staniford St., Boston, MA 02114] *Crotalus viridis.*

81-009688 Nilson, Göran and Claes Andrén. MORPHOLOGY AND TAXONOMIC STATUS OF THE GRASS SNAKE, *NATRIX NATRIX* (L.) (REPTILIA, SQUAMATA, COLUBRIDAE) ON THE ISLAND OF GOTLAND, SWEDEN. *Zool. J. Linn. Soc.* 72(4):355-368. Aug. 1981. WR 183
[Dep. Zool., Univ. Göteborg, Box 250 59, S-400 31 Göteborg, Sweden]

81-009689 Nilson, Göran and Claes Andrén. REPLY TO R.S. THORPE'S COMMENT ON THE GOTLAND GRASS SNAKE. *Zool. J. Linn. Soc.* 72(4):371-372. Aug. 1981. WR 183
[Dep. Zool., Univ. Göteborg, Box 250 59, S-400 31 Göteborg, Sweden] *Natrix natrix.*

81-009690 O'Connell, Barbara; David Chiszar and Hobart M. Smith. EFFECT OF POSTSTRIKE DISTURBANCE ON STRIKE-INDUCED CHEMOSENSORY SEARCHING IN THE PRAIRIE RATTLESNAKE (*CROTALUS V. VIRIDIS*). *Behav. Neural Biol.* 32(3):343-349. July 1981. WR 181
[Dep. Psychol., Univ. Colo., Boulder 80309]

81-009691 Obbard, Martyn E. and Ronald J. Brooks. A RADIO-TELEMETRY AND MARK-RECAPTURE STUDY OF ACTIVITY IN THE COMMON SNAPPING TURTLE, *CHELYDRA SERPENTINA. Copeia* 1981(3):630-637. 26 Aug. 1981. WR 183
[Dep. Zool., Univ. Guelph, Guleph, Ontario, Canada N1G 2W1]

81-009692 Olmo, Ettore; Vincenzo Stingo; Gaetano Odierna and Ornella Cobror. VARIATIONS IN REPETITIVE DNA AND EVOLUTION IN REPTILES. *Comp. Biochem. Physiol. B Comp. Biochem.* 69(4):687-691. 1981. WR 183
[Inst. Histol. & Embriol., Via Mezzocannone 8, 801 34, Naples, Italy] *Lacerta sicula, Cordylus warreni, C. giganteus, Varanus exanthematicus, Natrix natrix* and *Testudo hermanni.*

81-009693 Packard, Gary C.; Mary J. Packard; Thomas J. Boardman and M. Dominique Ashen. POSSIBLE ADAPTIVE VALUE OF WATER EXCHANGES IN FLEXIBLE-SHELLED EGGS OF TURTLES. *Science* 213(4506):471-473. 24 July 1981. WR 183
[Dep. Zool. & Entomol., Colo. State Univ., Fort Collins 80523] *Chelydra serpentina.*

81-009694 Parkes, Alan S. REPRODUCTION IN THE GREEN SEA TURTLE, *CHELONIA MYDAS. Symp. Zool. Soc. Lond.* No. 46. p. 253-265. 1981. WR 183
[1 The Bramleys, Shepreth, Royston, Herts. SG8 6PY, England]

REPTILES (CONTINUED)

81-009695 Parmenter, Robert R. DIGESTIVE TURNOVER RATES IN FRESHWATER TURTLES: THE INFLUENCE OF TEMPERATURE AND BODY SIZE. *Comp. Biochem. Physiol. A Comp. Physiol.* 70(2):235-238. 1981. WR 183
[Dep. Biol., UMC-53, Utah State Univ., Logan 84322] *Pseudemys s. scripta, Chrysemys picta, Chelydra serpentina, Sternotherus minor* and *S. odoratus*.

81-009696 Paull, Richard Cary. SPECIAL FEEDING PATTERNS IN TURTLES. *North. Ohio Assoc. Herpetol. Notes* 8(9):6-7. 4 July 1981. WR 183
[Turtle Trust, Westport, MA]

81-009697 Perez-Higareda, Gonzalo. THE OCCURRENCE OF *PITUOPHIS MELANOLEUCUS SAYI* IN VERACRUZ (SERPENTES: COLUBRIDAE). *Bull. Md. Herpetol. Soc.* 17(2):64-67. June 1981. WR 183
[Estacion Biol. Trop. "Los Tuxtlas", Inst. Biol., Univ. Nacl. Autonoma Mexico, Apartado Postal 51, Catemaco, Veracruz, Mexico]

81-009698 Perez-Higareda, Gonzalo. OVIPOSITION OF *KINOSTERNON L. LEUCOSTOMUM* IN CAPTIVITY (TESTUDINES: KINOSTERNIDAE). *Bull. Md. Herpetol. Soc.* 17(2):80-82. June 1981. WR 183
[Estacion Biol. Trop. "Los Tuxtlas", Inst. Biol., Univ. Nacl. Autonoma Mexico, Apartado Postal 51, Catemaco, Veracruz, Mexico]

81-009699 Perez-Higaredo, Gonzalo. NESTING AND INCUBATION TIMES IN *CORYTOPHANES HERNANDEZI* (LACERTILIA: IGUANIDAE). *Bull. Md. Herpetol. Soc.* 17(2):71-73. June 1981. WR 183
[Estacion Biol. Trop. "Los Tuxtlas", Inst. Biol., Univ. Nacl. Autonoma Mexico, Apartado Postal 51, Catemaco, Veracruz, Mexico]

81-009700 Peterson, J. A. and E. E. Williams. A CASE HISTORY IN RETROGRADE EVOLUTION: THE *ONCA* LINEAGE IN ANOLINE LIZARDS. II. SUBDIGITAL FINE STRUCTURE. *Bull. Mus. Comp. Zool.* 149(4):215-268. 21 July 1981. WR 183
[Dep. Biol., Univ. Calif., Los Angeles 90021] *Anolis annectens, A. onca, A. chrysolepis* and *A. auratus*.

81-009701 Petokas, Peter J. A. S. PEARSE'S DENSITY ESTIMATES FOR TURTLES: THE CORRECTION OF A LONG-STANDING ERROR. *Bull. Md. Herpetol. Soc.* 17(2):68-70. June 1981. WR 183
[U.S. Fish & Wildl. Serv., 100 Grange Pl., Room 202, Cortland, NY 13045]

81-009702 Pietruszka, Robert D.; John A. Wiens and Carol J. Pietruszka. LEOPARD LIZARD PREDATION ON *PEROGNATHUS*. *J. Herpetol.* 15(2):249-250. 30 Apr. 1981. WR 183
[Dep. Biol., Univ. N. Mex., Albuquerque 87131] *Gambelia wislizeni* and *Perognathus longimembris* in Nevada.

81-009703 Plummer, Michael V. and David B. Farrar. SEXUAL DIETARY DIFFERENCES IN A POPULATION OF *TRIONYX MUTICUS*. *J. Herpetol.* 15(2):175-179. 30 Apr. 1981. WR 183
[Dep. Biol., Harding Univ., Searcy, AR 72143]

REPTILES (CONTINUED)

81-009704 Pooley, A. C. DISAPPEARING AFRICAN CROCODILES. *Oryx* 16(1):38-40. May 1981. WR 183
[Natal Parks, Game & Fish Preserv. Board, Natal, South Africa]

81-009705 Price, Robert Mark. ANALYSIS OF THE ECOLOGICAL AND TAXONOMIC CORRESPONDENCE OF DORSAL SNAKE SCALE MICRODERMATOGYLPHICS. *Ph.D. dissertation, New York Univ.* 184p. 1981. From Diss. Abstr. Int. B Sci. Eng. 42(2):475. Aug. 1981. WR 183

81-009706 Psenner, Hans. EINEIIGE ZWILLINGE BEI *VIPERA BERUS* L. [TWIN-EMBRYO EGG IN *VIPERA BERUS*.] *Zool. Gart.* 51(2):150. 1981. In German. WR 183
[Badhausstraße 44, A-6080 Igls, Austria]

81-009707 Ragland, Isabel M.; Lawrence C. Wit and Jeffrey C. Sellers. TEMPERATURE ACCLIMATION IN THE LIZARDS *CNEMIDOPHORUS SEXLINEATUS* AND *ANOLIS CAROLINENSIS*. *Comp. Biochem. Physiol. A Comp. Physiol.* 70(1):33-36. 1981. WR 183
[Wit: Dep. Zool.-Entomol., Auburn Univ., Auburn, AL 36849]

81-009708 Raynaud, Albert; Jacques Fretey and Monique Clerque-Gazeau. SUR LA PRÉSENCE D'APPENDICES ÉPITHÉLIAUX, D'EXISTENCE TEMPORAIRE, DANS LA RÉGION CERVICALE DES EMBRYONS DE TORTUE LUTH (*DERMOCHELYS CORIACEA* L.). [ON THE OCCURENCE OF EPITHELIAL APPENDAGES OF TEMPORARY EXISTENCE, IN THE CERVICAL REGION OF THE EMBRYOS OF THE LEATHERY TURTLE (*DERMOCHELYS CORIACEA* L.).] *Bull. Soc. Zool. Fr.* 106(2):133-135. 1981. In French with English summ. WR 183
[Lab. Biol., 81330 Vabre, France]

81-009709 Raynaud, Albert. LES MODIFICATIONS DE LA MORPHOGENÈSE DES MEMBRES DÉTERMINÉES PAR LA CYTOSINE-ARABINOFURANOSIDE CHEZ LES EMBRYONS DE LÉZARD VERT (*LACERTA VIRIDIS*, LAUR.). [MODIFICATIONS OF THE LIMB MORPHOGENESIS INDUCED BY CYTOSINE-ARABINOSIDE IN EMBRYOS OF THE GREEN LIZARD (*LACERTA VIRIDIS*, LAUR.).] *C.R. Hebd. Séances Acad. Sci. Sér. III* 292(18):1063-1067. 18 May 1981. In French with English summ. WR 183
[Lab. Biol., route Glévade, 81330 Vabre, France]

81-009710 Reddy, P. S. BREEDING OF CROCODILES IN INDIRA GANDHI ZOOLOGICAL PARK VISAKHAPATNAM (ANDHRA PRADESH). *Indian For.* 106(12):875-876. Dec. 1980. WR 183
[Indira Gandhi Zool. Park, Visakhapatnam, India] *Crocodylus palustris*.

81-009711 Reznick, David; Owen J. Sexton and Constance Mantis. INITAL PREY PREFERENCES IN THE LIZARD *SCELOPORUS MALACHITICUS*. *Copeia* 1981(3):681-686. 26 Aug. 1981. WR 183
[Benedict Estuaries Res. Lab., Benedict, MD]

81-009712 Rieppel, Olivier and Ralph W. Gronowski. THE LOSS OF THE LOWER TEMPORAL ARCADE IN DIAPSID REPTILES. *Zool. J. Linn. Soc.* 72(3):203-217. July 1981. WR 183
[Paläontol. Inst., Univ. Zürich, Künstlergasse 16, 8006 Zürich, Switzerland]

REPTILES (CONTINUED)

81-009713 Rieppel, Olivier. THE SKULL AND JAW ADDUCTOR MUSCULATURE IN CHAMAELEONS. *Rev. Suisse Zool.* 88(2):433-445. June 1981. In English with German summ. WR 183
[Paläontol. Inst., Univ. Zürich, Kunstlergaße 16, CH-8006 Zürich, Switzerland] *Bradypodion* spp. and *Chamaeleo* spp.

81-009714 Rissing, Steven W. PREY PREFERENCES IN THE DESERT HORNED LIZARD: INFLUENCE OF PREY FORAGING METHOD AND AGGRESSIVE BEHAVIOR. *Ecology* 62(4):1031-1040. Aug. 1981. WR 183
[Dep. Biol., Univ. Chicago, Chicago, IL 60637] *Phrynosoma platyrhinos* in Nevada.

81-009715 Rose, Barbara. FACTORS AFFECTING ACTIVITY IN *SCELOPORUS VIRGATUS*. *Ecology* 62(3):706-716. June 1981. WR 183
[Biol. Dep., Univ. Calif., Riverside 92521]

81-009716 Roughgarden, Jonathan; Warren Porter and David Heckel. RESOURCE PARTITIONING OF SPACE AND ITS RELATIONSHIP TO BODY TEMPERATURE IN *ANOLIS* LIZARD POPULATIONS. *Oecologia (Berl.)* 50(2):256-264. 11 Aug. 1981. WR 183
[Hopkins Mar. Stn., Pacific Grove, CA 93950]

81-009717 Russell, Anthony P. DESCRIPTIVE AND FUNCTIONAL ANATOMY OF THE DIGITAL VASCULAR SYSTEM OF THE TOKAY, *GEKKO GECKO*. *J. Morphol.* 169(3):293-323. Sept. 1981. WR 183
[Dep. Biol., Univ. Calgary, Calgary, Alberta, Canada T2N 1N4]

81-009718 Rustamov, A. K.; Ch. Ataev; O. Sopyev; T. Sattorov and R. M. Pinyasova. [THE ECOLOGY OF *AGAMA LEHMANNI* (REPTILIA) IN MOUNTAINS OF MIDDLE ASIA.] *Zool. Zh.* 60(7):1040-1047. July 1981. In Russian with English summ. WR 183
[Turkmen Agric. Inst., Ashhabad, USSR]

81-009719 Ryan, John J. A RECORD SIZE FEMALE AND EGG CLUTCH FOR THE BOG TURTLE, *CLEMMYS MUHLENBERGI*. *Bull. Md. Herpetol. Soc.* 17(3):102-106. Sept. 1981. WR 183
[60 Avocado St., Ottawa, Ontario, Canada K1V 9C6]

81-009720 Ryan, M. J.; D. L. Hill and G. D. Whitney. MALIGNANT CHROMATOPHOROMA IN A GOPHER SNAKE. *Vet. Pathol.* 18(6):827-829. Nov. 1981. WR 183
[Dep. Pathol., Univ. Conn., Storrs 06268] *Pituophis catenifer sayi*.

81-009721 Saint Girons, H. and G. Naulleau. POIDS DES NOUVEAU-NES ET STRATEGIES REPRODUCTRICES DES VIPERES EUROPEENNES. [INDIVIDUAL BODY WEIGHT OF THE NEWBORN AND REPRODUCTIVE STRATEGIES AMONG EUROPEAN VIPERS.] *Terre Vie* 35(4):597-616. Oct.-Dec. 1981. In French with English summ. WR 183
[Lab. Evol. Etres Organisés, Univ. Pierre & Marie Curie, 105 Blvd. Raspail, 75006 Paris, France] Data for 6 spp.

81-009722 Satybaldina, N. K. and M. V. Kondashevskaya. [PRESYNAPTIC ACTION OF CHEMICAL MODIFICATION OF PHOSPHOLIPASES FROM BEE AND COBRA VENOMS ON MOTOR NERVE ENDINGS OF MICE.] *Biol. Nauki (Mosc.)* 1981(5):111. May 1981. Russian abstract only. WR 183

REPTILES (CONTINUED)

81-009723 Savage, Jay M. A NEW SPECIES OF THE SECRETIVE COLUBRID SNAKE GENUS *GEOPHIS* FROM COSTA RICA. *Copeia* 1981(3):549-553. 26 Aug. 1981. WR 183
[Allan Hancock Foundation, Univ. Southern Calif., Los Angeles 90007] *Geophis downsi*.

81-009724 Sawin, Clark T.; Pamela Bacharach and Valentine Lance. THYROTROPIN-RELEASING HORMONE AND THYROTROPIN IN THE CONTROL OF THYROID FUNCTION IN THE TURTLE, *CHRYSEMYS PICTA*. *Gen. Comp. Endocrinol.* 45(1):7-11. Sept. 1981. WR 183
[Endocrine-Diabetes Sect., Boston Veterans Admin. Hospital, Tufts Univ. School Med., Boston, MA 02130]

81-009725 Schwaner, Terry D. and Herbert C. Dessauer. IMMUNODIFFUSION EVIDENCE FOR THE RELATIONSHIPS OF PAPUAN BOIDS. *J. Herpetol.* 15(2):250-253. 30 Apr. 1981. WR 183
[Dep. Biochem., La. State Univ. Med. Cent., 1542 Tulane Ave., New Orleans 70112]

81-009726 Schwartz, Albert and Orlando H. Garrido. A REVIEW OF THE CUBAN MEMBERS OF THE GENUS *ARRHYTON* (REPTILIA, SERPENTES, COLUBRIDAE). *Ann. Carnegie Mus.* 50(7):207-230. 8 July 1981. WR 183
[Miami-Dade Community Coll., North Campus, Miami, FL 33167]

81-009727 Seidel, Michael E.; Samuel L. Reynolds and Ronald V. Lucchino. PHYLOGENETIC RELATIONSHIPS AMONG MUSK TURTLES (GENUS *STERNOTHERUS*) AND GENIC VARIATION IN *STERNOTHERUS ODORATUS*. *Herpetologica* 37(3):161-165. Sept. 1981. WR 183
[Dep. Biol. Sci., Marshall Univ., Huntington, WV 25701]

81-009728 Seu, Jung-Hwn and Y. Sawai. EFFECT OF MICROBIAL VEMON PROTEINASE INHIBITORY SUBSTANCE (ISV) ON SOME ENZYMES IN SNAKE VENOMS. *Snake* 13(1):38-41. June 1981. In English with Japanese summ. WR 183
[Dep. Chen, Agric. Coll., Kyung-Pook Natl. Univ., Taegu, Korea] Data for 22 forms.

81-009729 Shine, Richard. ECOLOGY OF AUSTRALIAN ELAPID SNAKES OF THE GENERA *FURINA* AND *GLYPHODON*. *J. Herpetol.* 15(2):219-224. 30 Apr. 1981. WR 183
[School Biol. Sci. A08, Univ. Sydney, Sydney, New South Wales 2006, Australia]

81-009730 Smith, David C. COMPETITIVE INTERACTIONS OF THE STRIPED PLATEAU LIZARD (*SCELOPORUS VIRGATUS*) AND THE TREE LIZARD (*UROSAURUS ORNATUS*). *Ecology* 62(3):679-687. June 1981. WR 183
[Mus. Zool., Univ. Mich., Ann Arbor 48109]

81-009731 Smith, Hobart M. and Rozella B. Smith. ANOTHER EPIPHYTIC ALLIGATOR LIZARD (*ABRONIA*) FROM MEXICO. *Bull. Md. Herpetol. Soc.* 17(2):51-60. June 1981. WR 183
[DEPOB, Univ. Colo., Boulder 80309] *Abronia chiszari*.

REPTILES (CONTINUED)

81-009732 Smith, Hobart M. and David Chiszar. AN OBSERVATION ON WINTER EMERGENCE OF A GARTER SNAKE, *THAMNOPHIS RADIX*. *Bull. Md. Herpetol. Soc.* 17(3):107-109. Sept. 1981. WR 183
[DEPOB, Univ. Colo., Boulder 80309]

81-009733 Stamps, Judy A. and Sanford Tanaka. THE RELATIONSHIP BETWEEN FOOD AND SOCIAL BEHAVIOR IN JUVENILE LIZARDS (*ANOLIS AENEUS*). *Copeia* 1981(2):422-434. May 1981. WR 183
[Dep. Zool., Univ. Calif., Berkeley 95616]

81-009734 Stamps, Judy; Sanford Tanaka and V. V. Krishnan. THE RELATIONSHIP BETWEEN SELECTIVITY AND FOOD ABUNDANCE IN A JUVENILE LIZARD. *Ecology* 62(4):1079-1092. Aug. 1981. WR 183
[Dep. Zool., Univ. Calif., Davis 95616] *Anolis aeneus* in Grenada.

81-009735 Strack, G.; R. Klinke and J. P. Wilson. EVOKED COCHLEAR RESPONSE IN *CAIMAN CROCODILUS*. *Pflügers Arch. Eur. J. Physiol.* 391(suppl):R43. 1981. Abstract only. WR 183
[Zent. Physiol., Univ. Frankfurt, D-6 Frankfurt, West Germany]

81-009736 Sturbaum, B. A. RESPONSES OF THE THREE-TOED BOX TURTLE, *TERRAPENE CAROLINA TRIUNGUIS*, TO HEAT STRESS. *Comp. Biochem. Physiol. A Comp. Physiol.* 70(2):199-204. 1981. WR 183
[Dep. Physiol., School Med., Oral Roberts Univ., Tulsa, OK 74171]

81-009737 Sullivan, Brian K. OBSERVED DIFFERENCES IN BODY TEMPERATURE AND ASSOCIATED BEHAVIOR OF FOUR SNAKE SPECIES. *J. Herpetol.* 15(2):245-246. 30 Apr. 1981. WR 183
[Dep. Zool., Ariz. State Univ., Tempe 85281] *Arizona elegans*, *Lampropeltis getulus*, *Pituophis melanoleucus* and *Rhinocheilus lecontei*.

81-009738 Sullivan, Brian K. DISTRIBUTION AND RELATIVE ABUNDANCE OF SNAKES ALONG A TRANSECT IN CALIFORNIA. *J. Herpetol.* 15(2):247-248. 30 Apr. 1981. WR 183
[Dep. Zool., Ariz. State Univ., Tempe 85281]

81-009739 Thayer, Gordon W.; David W. Engel; Karen A. Bjorndal and Michael W. LaCroix. ASPECTS OF DIGESTION AND ROLE OF THE GREEN TURTLE, *CHELONIA MYDAS*, IN THE DETRITAL CYCLE OF SEAGRASS MEADOWS. *Estuaries* 4(3):271. Sept. 1981. Abstract only. WR 183
[Natl. Mar. Fisheries Serv., Beaufort, NC]

81-009740 Thomasson, Joseph R. ORNATE BOX TURTLE, *TERRAPENE ORNATA* (TESTUDINAE), FEEDING ON PINCUSHION CACTUS, *CORYPHANTHA VIVIPARA*. *Southwest. Nat.* 25(3):438. 14 Nov. 1980. WR 183
[Div. Sci. & Math., Black Hills State Coll., Spearfish, SD 57783]

81-009741 Thorpe, R. S. and M. R. Giddings. A NOVEL BIOCHEMICAL SYSTEMATIC TECHNIQUE FOR HERPETOLOGY BASED ON EPIDERMAL KERATIN. *Experientia (Basel)* 37(7):700-702. 15 July 1981. WR 183
[Dep. Zool., Univ. Aberdeen, Aberdeen AB9 2TN, Scotland] *Phelsuma* spp. and *Gehyra mutilata*.

REPTILES (CONTINUED)

81-009742 Thorpe, R. S. RACIAL DIVERGENCE AND SUBSPECIFIC STATUS OF THE GOTLAND GRASS SNAKE: A COMMENT ON NILSON & ANDRÉN'S PAPER. *Zool. J. Linn. Soc.* 72(4):369-370. Aug. 1981. WR 183
[Dep. Zool., Univ. Aberdeen, Aberdeen AB9 2TN, Sweden] *Natrix natrix.*

81-009743 Timko, Robert E. and David DeBlanc. RADIO TRACKING JUVENILE MARINE TURTLES. *Mar. Fish. Rev.* 43(3):20-24. Mar. 1981. WR 183
[Nat. Mar. Fish. Serv., NOAA, NSTL Station, MS 39529] *Lepidochelys kempi.*

81-009744 Tollestrup, Kristine. THE SOCIAL BEHAVIOR AND DISPLAYS OF TWO SPECIES OF HORNED LIZARDS, *PHRYNOSOMA PLATYRHINOS* AND *PHYRNOSOMA CORONATUM. Herpetologica* 37(3):130-141. Sept. 1981. WR 183
[Dep. Biol., Univ. Puget Sound, Tacoma, WA 98416]

81-009745 Toriba, Michihisa; Atsushi Sakai and Hitoshi Miyata. OBSERVATIONS ON EGG-LAYING IN THE HUNDRED-PACE VIPER, *DEINAGKISTRODON ACUTUS* (GÜNTHER). *Snake* 13(1):58-60. June 1980. In English with Japanese summ. WR 183
[Japan Snake Inst., Yabuzuka-honmachi, Nitta-gun, Gunma Prefecture 379-23, Japan]

81-009746 Ulinski, Philip S. and Ellengene H. Peterson. PATTERNS OF OLFACTORY PROJECTIONS IN THE DESERT IGUANA, *DIPSOSAURUS DORSALIS. J. Morphol.* 168(2):189-227. May 1981. WR 183
[School Anat., Univ. New South Wales, P.O. Box 1, Kensington, New South Wales 2033, Australia]

81-009747 Vitt, Laurie J.; Richard C. van Loben Sels and Robert D. Ohmart. ECOLOGICAL RELATIONSHIPS AMONG ARBOREAL DESERT LIZARDS. *Ecology* 62(2):398-410. Apr. 1981. WR 183
[Dep. Zool., Ariz. State Univ., Tempe 85281] *Urosaurus graciosus; U. ornatus* and *Sceloporus magister* in Arizona.

81-009748 Vogt, Richard C. TURTLE EGG (*GRAPTENYS*: EMYDIDAE) INFESTATION BY FLY LARVAE. *Copeia* 1981(2):457-459. May 1981. WR 183
[Estación Biología Tropical, "Los Tuxtlas", UNAM, Apartado Postal 94, San Andres, Vera Cruz, Mexico]

81-009749 Walker, J. Martin. A NEW SUBSPECIES OF *CNEMIDOPHORUS TIGRIS* FROM SOUTH CORONADO ISLAND, MEXICO. *J. Herpetol.* 15(2):193-197. 30 Apr. 1981. WR 183
[Dep. Zool., Univ. Ark., Fayetteville 72701] *Cnemidophorus tigris vividus.*

81-009750 Walter, J. Martin. ON THE STATUS OF THE LIZARD, *CNEMIDOPHORUS TIGRIS DICKERSONAE* VAN DENBURGH AND SLEVIN. *J. Herpetol.* 15(2):199-206. 30 Apr. 1981. WR 183
[Dep. Zool., Univ. Ark., Fayetteville 72701]

81-009751 Whitaker, John O., Jr. and Chris Maser. FOOD HABITS OF SEVEN SPECIES OF LIZARDS FROM MALHEUR COUNTY, SOUTHEASTERN OREGON. *Northwest Sci.* 55(3):202-208. Aug. 1981. WR 183
[Dep. Life Sci., Ind. State Univ., Terre Haute 47809]

REPTILES (CONTINUED)

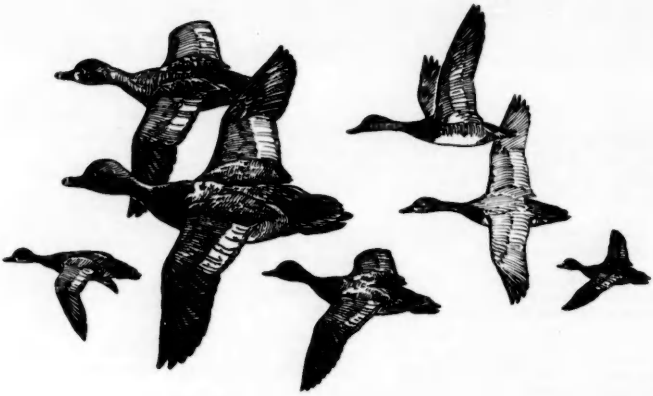
81-009752 Whitaker, Romulus; Zahida Whitaker and Allen Vaughan. NOTES ON SEXING CROCODILLIANS. *J. Bombay Nat. Hist. Soc.* 77(2):341-343. Aug. 1980. WR 183
[Madras Crocodile Bank Trust, Vadanemmeli Village, Tamil Nadu, India] *Gavialis gangeticus*, *Crocodylus porosus* and *C. palustris*.

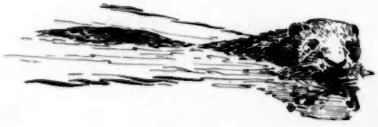
81-009753 Wit, Lawrence C.; Jeffrey C. Sellers and Bruce W. Gray. FURTHER THYROID FUNCTION STUDIES IN HIBERNATING *CNEMIDOPHORUS SEXLINEATUS*. *J. Ala. Acad. Sci.* 52(3):99. July 1981. Abstract only. WR 183
[Dep. Zool.-Entomol., Auburn Univ., Auburn, AL 36849]

81-009754 Yamakawa, Masanobu. [MOUSE FOOT PAD TEST FOR THE DETERMINATION OF ANTIEDEMA-FORMING AND ANTIHEMORRHAGIC POTENCY OF SNAKE ANTIVENOM. 1. CROSS NEUTRALIZATION TEST OF HABU (*TRIMERESURUS FLAVOVIRIDIS*) AND SAKISHIMA-HABU (*T. ELEGANS*) VENOM WITH ITS ANTIVENOMS.] *Snake* 13(1):16-24. June 1981. In Japanese with English summ. WR 183
[Div. Venomous Snakes, Okinawa Prefectural Inst. Public Health, 720 Kyozuka, Urasoe City, Okinawa 901, Japan]

81-009755 Yearicks, Earl F.; Roger C. Wood and William S. Johnson. HIBERNATION OF THE NORTHERN DIAMONDBACK TERRAPIN, *MALACLEMYS TERRAPIN TERRAPIN*. *Estuaries* 4(1):78-80. Mar. 1981. WR 183
[Johnson: Biol. Sci., Goucher Coll., Towson, MD 21204]

81-009756 Zapata, A.; J. Leceta and A. Villena. REPTILLIAN BONE MARROW. AN ULTRASTRUCTURAL STUDY IN THE SPANISH LIZARD, *LACERTA HISPANICA*. *J. Morphol.* 168(2):137-149. May 1981. WR 183
[Dep. Morfol. Microscop. Fac. Biol., Univ. Complutense, Madrid 3, Spain]





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